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ReliaTech GmbH

Our story

Since its foundation in 1999, ReliaTech has developed into one of the leading European manufacturers of growth factors, cytokines, receptors, mono- and polyclonal antibodies for life science research and industry. Our biggest aim is to satisfy our customers with products of the highest quality. For this reason, close contact with our customers is very important to us. A short and reliable communication as well as fast reagent supply efficiently support our business.

Our proteins and services

Proteins for research and preclinical applications

From development and production to formulation and quality control, our proteins and antibodies are handled by experienced scientists. With over 25 years of experience, our processes are well optimised. A product release is always based on clear specifications, such as purity, cell-based activity and impurity profile. All products are available in customised filling sizes and quantities.

Contract manufacturing

With our in-house system for transient and stable expression in different expression systems, including process development for cultivation and purification, we offer our customers a customised solution for the production of their protein of interest. The customised protein production is based on a flexible, modular system that allows for an individual selection of different service options depending on your specific needs.

Bioassay service

We offer our extensive expertise in cell proliferation assays to check the biological activity of customer proteins or even the responsiveness of customers cell line to a specific growth factor. This assay is frequently used as a first step to check the biological activity of a protein up to a validated assay with international standards.

Our quality promise

As an ISO 9001:2015 certified company, achieving the highest quality standards is very important to us. We are constantly working on improving our quality standards and optimizing our service. We regularly derive our quality measures from the ICH guidelines and are guided by the specifications of our internal QP.

1. Stem Cell Related Proteins

Common proteins for Embryonic Stem Cell Culture

Protein	Cat.No.	Product Name	Species	Expressed Host
Activin A	100-012	Activin A	Human/Mouse/Rat	CHO cells
	100-310-AF	Activin A (animal-comp free)	Human/Mouse/Rat	E.coli
BAFF	100-002	BAFF	Human	E.coli
BDNF	100-005	BDNF	Human/Mouse/Rat	E.coli
EPO	100-062	EPO/Erythropoetin	Human	CHO cells
FGF basic	300-003	FGF basic/FGF2/bFGF (157 aa)	Human	E.coli
	100-411	FGF basic/FGF2/bFGF (146 aa)	Human	E.coli
	M30-015	FGF basic/FGF2/bFGF	Mouse	E.coli
	R20-060	FGF basic/FGF2/bFGF	Rat	E.coli
FGF-4	300-131	FGF-4	Human	E.coli
Follistatin	100-172	Follistatin/Follistatin 288/FST	Human	E.coli
IGF-1	100-077	IGF-1 LR3	Human	E.coli
	100-040	IGF-1	Human	E.coli
LIF	200-008	LIF	Human	E.coli
	M30-008	LIF	Mouse	E.coli
Noggin	100-260	Noggin	Human	Human cells
TGF-β1	300-023	TGF-β1	Human	CHO cells
Vitronectin	100-385-AF	Vitronectin (animal-comp free)	Human	HEK293 cells

1. Stem Cell Related Proteins

Other proteins for Embryonic Stem Cell Culture

Protein	Cat.No.	Product Name	Species	Expressed Host
BMP-2	200-002	BMP-2	Human/Mouse/Rat	E.coli
β-NGF	100-084	β-NGF	Human	E.coli
	M10-123	β-NGF	Mouse	E.coli
CNTF	100-007	CNTF/Ciliary neurotrophic factor	Human	E.coli
EGF	100-009	EGF	Human	E.coli
FGF basic	300-003	FGF basic/FGF2/bFGF (157aa)	Human	E.coli
	100-411	FGF basic/FGF2/bFGF (146aa)	Human	E.coli
	M30-015	FGF basic/FGF2/bFGF	Mouse	E.coli
	R20-060	FGF basic/FGF2/bFGF	Rat	E.coli
FGF-8	100-020-AF	FGF-8b	Human/Mouse	E.coli
Galectin-1	400-015	Galectin-1/LGALS1	Human	E.coli
GDNF	100-030-AF	GDNF	Human	E.coli
Neuregulin	100-187	NRG-1-beta 1/HRG-1-beta 1	Human	E.coli
NT-3	100-086-AF	NT-3/Neurotrophin-3	Human	E.coli

1. Stem Cell Related Proteins

Proteins for Hematopoietic Stem Cell Culture

Protein	Cat.No.	Product Name	Species	Expressed Host
Flt3-Ligand	100-026-SC	Flt3L/Flt-3 Ligand	Human	E. coli
	M10-062	Flt3L/Flt-3 Ligand (C-6His)	Mouse	E. coli
GM-CSF	200-005-DC	GM-CSF	Human	E. coli
	M30-013	GM-CSF	Mouse	E. coli
G-CSF	100-029-AF	G-CSF	Human	E.coli
IL-3	200-016	IL-3	Human	E.coli
	M10-015	IL-3	Mouse	Human cells
IL-6	200-030-DC	IL-6	Human	E. coli
	M10-017	IL-6	Mouse	E. coli
Shh	100-153	Shh	Human	E. coli
	M10-057	Shh	Mouse	E. coli
SCF	100-097-SC	SCF	Human	E. coli
	M30-011	SCF	Mouse	E. coli
TPO	100-109	TPO	Human	E. coli
	100-109-AF	TPO (animal-comp free)	Human	E. coli
	M10-087	TPO	Mouse	E. coli
	M10-087-AF	TPO (animal-comp free)	Mouse	E. coli
	R20-058	TPO	Rat	E. coli

1. Stem Cell Related Proteins

Proteins for Hematopoietic Stem Cell Culture

Protein	Cat.No.	Product Name	Species	Expressed Host
VEGF	300-036	VEGF165/VEGF-A	Human	Insect cells
	300-076	VEGF165/VEGF-A	Human	E. coli
	300-066Bi	VEGF165/VEGF-A (Biotin)	Human	E. coli
	300-072	VEGF121/VEGF-A	Human	E. coli
	300-032	VEGF121/VEGF-A	Human	Insect cells
	M30-002	VEGF164/VEGF-A	Mouse	Insect cells
	M30-004	VEGF164/VEGF-A	Mouse	E. coli
	R20-068	VEGF164/VEGF-A	Rat	E. coli
	300-079	VEGF-C	Human	Insect cells
	R20-015	VEGF-C	Rat	Insect cells
	100-374	VEGF-D	Human	HEK293 cells

2. Neuroscience Related Proteins

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Protein	Cat.No.	Product Name	Species	Expressed Host
Activin A	100-012	Activin A	Human/Mouse/Rat	CHO cells
	100-310-AF	Activin A (animal-comp free)	Human/Mouse/Rat	E.coli
Artemin	100-128-AF	Artemin	Human	E.coli
BDNF	100-005-AF	BDNF	Human/Mouse/Rat	E.coli
β-NGF	100-084	β-NGF	Human	E.coli
	M10-123	β-NGF	Mouse	E.coli
Cardiotrophin-1	100-006	Cardiotrophin-1/CTF1	Human	E.coli
	M10-052	Cardiotrophin-1/CTF1	Mouse	E.coli
CNTF	100-007-AF	CNTF/Ciliary neurotrphic factor	Human	E.coli
CTGF	100-146	CTGF/CCN2	Human	E. coli
CCL2	100-065	CCL2/MCP-1	Human	E.coli
	100-065-AF	CCL2/MCP-1 (animal-comp free)	Human	E.coli
	R20-010	CCL2/MCP-1	Rat	E. coli
CCL3	100-073	CCL3/MIP-1 alpha	Human	E.coli
	100-073-AF	CCL3/MIP-1 alpha (animal-comp free)	Human	E. coli
	M10-035	CCL3/MIP-1 alpha	Mouse	E.coli
	R20-011	CCL3/MIP-1 alpha	Rat	E.coli
CCL5	100-095	CCL5/RANTES	Human	E.coli
	100-095-AF	CCL5/RANTES (animal-comp free)	Human	E. coli
	M10-038	CCL5/RANTES (N-6His)	Mouse	E.coli

2. Neuroscience Related Proteins

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Protein	Cat.No.	Product Name	Species	Expressed Host
CXCL10	100-057	CXCL10/IP-10	Human	E. coli
CXCL12	100-099	CXCL12/SDF-1 alpha	Human	E.Coli
	100-099-AF	CXCL12/SDF-1 alpha (animal-comp free)	Human	E.Coli
	M10-040	CXCL12/SDF-1 alpha	Mouse	E.Coli
	R20-052	CXCL12/SDF-1 alpha	Rat	E.Coli
	100-100	CXCL12/SDF-1 beta	Human	E.Coli
	100-100-AF	CXCL12/SDF-1 beta (animal-comp free)	Human	E.Coli
	M10-085	CXCL12/SDF-1 beta	Mouse	E.Coli
	R20-056	CXCL12/SDF-1 beta	Rat	E.Coli
EGF	100-009	EGF	Human	E.Coli
FGF acidic	100-016-AF	FGF1/FGFa/FGF acidic	Human	E.coli
	M10-045/ R20-018	FGF1/FGFa/FGF acidic	Mouse/Rat	E.coli
FGF basic	300-003	FGF basic/FGF2/bFGF (157aa)	Human	E.coli
	100-411	FGF basic/FGF2/bFGF (146aa)	Human	E.coli
	M30-015	FGF basic/FGF2/bFGF	Mouse	E.coli
	R20-060	FGF basic/FGF2/bFGF	Rat	E.coli
Fractalkine	100-173	CX3CL1/Fractalkine	Human	E.coli
	R20-046	CX3CL1/Fractalkine (C-6His)	Rat	E.coli
GDNF	100-030-AF	GDNF	Human	E.coli
GMF beta	100-340	GMF beta	Human	E.coli

2. Neuroscience Related Proteins

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Protein	Cat.No.	Product Name	Species	Expressed Host
GRO beta	100-032	GRO beta/CXCL2	Human	E.coli
HGF	300-011	HGF	Human	Insect cells
	300-101	HGF (animal-comp free)	Human	HEK293 cells
	M10-093	HGF	Mouse	Insect cells
IFN gamma	100-039-AF	IFN-gamma/IFN γ	Human	E.coli
	M10-010-AF	IFN-gamma/IFN γ	Mouse	E.coli
IL-1 alpha	100-042	IL-1 α /IL-1F1	Human	E.coli
	M10-012	IL-1 α /IL-1F1	Mouse	E.coli
	R20-024	IL-1 α /IL-1F1	Rat	E.coli
IL-1 beta	400-002-DC	IL-1F2/IL-1 β	Human	E.coli
	M10-013	IL-1F2/IL-1 β	Mouse	E.coli
IL-2	200-010	IL-2	Human	E.coli
	M10-014	IL-2	Mouse	E.coli
IL-2R α	S01-032	IL-2RA/CD25	Human	CHO cells
IL-6	200-030-DC	IL-6	Human	E.coli
	M10-017	IL-6	Mouse	E.coli
IL-6R alpha	S01-045	IL-6R α /IL6R	Human	CHO cells
IL-8	100-046	CXCL8/IL-8 (72aa)	Human	E. coli
IL-10	100-049	IL-10	Human	E. coli
	M10-020	IL-10	Mouse	E. coli

2. Neuroscience Related Proteins

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Protein	Cat.No.	Product Name	Species	Expressed Host
Neuregulin	100-187	NRG1-beta 1/HRG-1 beta1	Human	E.coli
	100-187-AF	NRG1-beta 1/HRG-1 beta1 (animal-comp free)	Human	E.coli
Neuritin	100-420	Neuritin/NRN1	Human	E.coli
NT-3	100-086-AF	NT-3/Neurotrophin-3	Human	E.coli
OSM	100-352	Oncostatin M/OSM (209 aa)	Human	E.coli
	100-088	Oncostatin M/OSM (227 aa)	Human	E.coli
	100-162	Oncostatin M/OSM (196 aa)	Human	HEK293 cells
	R20-057	Oncostatin M/OSM	Rat	E.coli
PDGF-AA	200-052	PDGF-AA	Human	E.coli
PDGF-BB	200-056	PDGF-BB	Human	E.coli
	M10-125	PDGF-BB	Mouse	E.coli
Persephin	100-120	Persephin	Human	E.coli
	M10-126	Persephin	Mouse	E.coli
Pleiotrophin	100-094	Pleiotrophin/PTN	Human	E.coli
Prolactin	100-273	Prolactin/PRL	Human	E.coli
	M10-127	Prolactin/PRL	Mouse	E. coli
TGFβ1	300-023	TGFβ1	Human	CHO cells
TNF-α	300-028	TNF-alpha/TNF-α	Human	E.coli
	M10-041	TNF-alpha/TNF-α	Mouse	E.coli
	R20-013	TNF-alpha/TNF-α	Rat	E.coli

2. Neuroscience Related Proteins

Protein	Cat.No.	Product Name	Species	Expressed Host
TNF-β	100-108	TNF-beta/TNF-β	Human	E.coli

3. Dendritic Cell Related Proteins

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Protein	Cat.No.	Product Name	Species	Expressed Host
CD40 Ligand	100-115	CD40L/CD40 Ligand	Human	E.coli
	100-115-AF	CD40L/CD40 Ligand (animal-comp free)	Human	E.coli
	M10-054	CD40L/CD40 Ligand	Mouse	E.coli
Flt3-Ligand	100-026-SC	Flt3L/Flt-3 Ligand	Human	E.coli
	M10-062	Flt3L/Flt-3 Ligand (C-6His)	Mouse	E.coli
GM-CSF	200-005-DC	GM-CSF	Human	E.coli
	M30-013	GM-CSF	Mouse	E.coli
G-CSF	100-029-AF	G-CSF (animal-comp free)	Human	E.coli
HGF	300-011	HGF	Human	Insect cells
	300-101	HGF (animal-comp free)	Human	HEK293 cells
	M10-093	HGF	Mouse	Insect cells
IFN gamma	100-039-AF	IFN-gamma/IFN γ	Human	E.coli
	M10-010-AF	IFN-gamma/IFN γ	Mouse	E.coli
IL-1 alpha	100-042	IL-1 α /IL-1F1	Human	E.coli
	M10-012	IL-1 α /IL-1F1	Mouse	E.coli
	R20-024	IL-1 α /IL-1F1	Rat	E.coli
IL-1 beta	400-002-DC	IL-1F2/IL-1 β	Human	E.coli
	M10-013	IL-1F2/IL-1 β	Mouse	E.coli

3. Dendritic Cell Related Proteins

Protein	Cat.No.	Product Name	Species	Expressed Host
IL-2	200-010	IL-2	Human	E.coli
	M10-014	IL-2	Mouse	E.Coli
IL-3	200-016	IL-3	Human	E.coli
	M10-015	IL-3	Mouse	E.coli
IL-4	200-023-DC	IL-4	Human	E.coli
	M10-016	IL-4	Mouse	E.coli
	R20-007	IL-4	Rat	E.coli
IL-6	200-030-DC	IL-6	Human	E.coli
	M10-017	IL-6	Mouse	E.coli
	R20-008	IL-6	Rat	E.coli
IL-7	100-045	IL-7	Human	E.coli
	M10-018	IL-7	Mouse	E.coli
	R20-029	IL-7	Rat	E.coli
IL-12	100-051	IL-12	Human	CHO cells
	M10-021	IL-12	Mouse	CHO cells
IL-13	100-052	IL-13	Human	E.coli
	M10-071	IL-13	Mouse	E.coli
IL-15	100-053	IL-15	Human	E.coli
M-CSF	100-064	M-CSF/CSF1	Human	E.coli
	M10-078	M-CSF/CSF1	Mouse	E.coli

3. Dendritic Cell Related Proteins

Protein	Cat.No.	Product Name	Species	Expressed Host
M-CSF	R20-050	M-CSF/CSF1	Rat	E.coli
RANKL	100-156	RANKL, soluble	Human	CHO cells
	100-276	RANKL, soluble	Human	E.coli
	M10-083	RANKL, soluble	Mouse	CHO cells
	M10-080	RANKL, soluble	Mouse	E.coli
	R20-020	RANKL, soluble	Rat	E.coli
SCF	100-097-SC	SCF	Human	E.coli
	M30-011	SCF	Mouse	E.coli
	R20-040	SCF	Rat	E.coli
TNF-α	300-028	TNF-alpha/TNF-α	Human	E.coli
	M10-041	TNF-alpha/TNF-α	Mouse	E.coli
	R20-013	TNF-alpha/TNF-α	Rat	E.coli

4. Organoids Related Proteins

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Protein	Cat.No.	Product Name	Species	Expressed Host
Activin A	100-012	Activin A	Human/Mouse/Rat	CHO cells
	100-310-AF	Activin A (animal-comp free)	Human/Mouse/Rat	E.coli
BDNF	100-005-AF	BDNF	Human/Mouse/Rat	E.coli
BMP-2	200-002-AF	BMP-2	Human/Mouse/Rat	E.coli
Dkk-1	200-013	Dkk-1	Human	E.coli
	100-407	Dkk-1	Human	HEK293 cells
EGF	100-009	EGF	Human	E.coli
FGF basic	300-003	FGF basic/FGF2/bFGF (157 aa)	Human	E.coli
	100-411	FGF basic/FGF2/bFGF (146 aa)	Human	E.coli
	M30-015	FGF basic/FGF2/bFGF	Mouse	E.coli
	R20-060	FGF basic/FGF2/bFGF	Rat	E.coli
FGF-4	300-131	FGF-4	Human	E.coli
	M30-131	FGF-4	Mouse	E.coli
FGF-7	100-163	FGF-7/KGF	Human	E.coli
FGF-9	100-021-AF	FGF-9	Human	E.coli
	M10-006	FGF-9	Mouse	E.coli
FGF-10	100-022	FGF-10	Human	E.coli
FGF-19	100-169	FGF-19 (N-6His)	Human	E.coli
GDNF	100-030-AF	GDNF	Human	E.coli

4. Organoids Related Proteins

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Protein	Cat.No.	Product Name	Species	Expressed Host
HGF	300-011	HGF	Human	Insect cells
	300-101	HGF (animal-comp free)	Human	HEK293 cells
	M10-093	HGF	Mouse	Insect cells
Noggin	100-260	Noggin	Human	HEK293 cells
	M10-124	Noggin	Mouse	E.coli
	M10-124-AF	Noggin (animal-comp free)	Mouse	E.coli
Neuregulin	100-187	NRG1-beta 1/HRG-1 beta1	Human	E.coli
	100-187-AF	NRG1-beta 1/HRG-1 beta1 (animal-comp free)	Human	E.coli
NT-3	100-086	NT-3	Human	E.coli
	100-086-AF	NT-3 (animal-comp free)	Human	E.coli
	M10-232	NT-3	Mouse	E.coli
OSM	100-352	Oncostatin M/OSM (209 aa)	Human	E.coli
	100-088	Oncostatin M/OSM (227 aa)	Human	E.coli
	100-162	Oncostatin M/OSM (196 aa)	Human	HEK293 cells
	R20-057	Oncostatin M/OSM	Rat	E.coli
Prolactin	100-273	Prolactin/PRL	Human	E.coli
R-Spondin 1	100-130	R-Spondin 1	Human	CHO cells
	M10-004	R-Spondin 1	Mouse	CHO cells
R-Spondin 3	100-427	R-Spondin 3	Human	CHO cells

4. Organoids Related Proteins

Protein	Cat.No.	Product Name	Species	Expressed Host
Shh	100-153	Shh	Human	E. coli
	M10-057	Shh	Mouse	E. coli
TGFβ1	300-023	TGFβ1	Human	CHO cells
Wnt3a	400-022	Wnt3a	Human	E.coli
	M30-231	Wnt3a	Mouse	E.coli
LIF	200-008	LIF	Human	E.coli
	M30-008	LIF	Mouse	E.coli
VEGF164	M30-002	VEGF164	Mouse	Insect cells
	M30-004	VEGF164	Mouse	E.coli
	R20-068	VEGF164	Rat	E.coli
VEGF165	300-036	VEGF165	Human	Insect cells
	300-076	VEGF165	Human	E.coli

5. Macrophage Culture Related Proteins¹⁶

Protein	Cat.No.	Product Name	Species	Expressed Host
IFN gamma	100-039-AF	IFN-gamma/IFN γ	Human	E.coli
	M10-010-AF	IFN-gamma/IFN γ	Mouse	E.coli
IL-4	200-023-DC	IL-4	Human	E.coli
	M10-016	IL-4	Mouse	E.coli
	R20-007	IL-4	Rat	E.coli
IL-10	100-049	IL-10	Human	E.coli
	M10-020	IL-10	Mouse	E.coli
	R20-009	IL-10	Rat	E.coli
IL-13	100-052	IL-13	Human	E.coli
	M10-071	IL-13	Mouse	E.coli
GM-CSF	200-005-DC	GM-CSF	Human	E.Coli
	M30-013	GM-CSF	Mouse	E.coli
M-CSF	100-064	M-CSF/CSF1	Human	E.coli
	M10-078	M-CSF/CSF1	Mouse	E.coli
	R20-050	M-CSF/CSF1	Rat	E.coli

6. Osteoclast Culture Related Proteins

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Protein	Cat.No.	Product Name	Species	Expressed Host
M-CSF	100-064	M-CSF/CSF1	Human	E.coli
	M10-078	M-CSF/CSF1	Mouse	E.coli
	R20-050	M-CSF/CSF1	Rat	E.coli
RANKL	100-156	RANKL, soluble	Human	CHO cells
	100-276	RANKL, soluble	Human	E.coli
	M10-083	RANKL, soluble	Mouse	CHO cells
	M10-080	RANKL, soluble	Mouse	E.coli
	R20-020	RANKL, soluble	Rat	E.coli

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