



Recombinant Human GRO-gamma (CXCL3)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-033
Size:	10 µg
Lot. No.:	According to product label

Sequence

ASVVTELRCQ CLQTLQGIHL KNIQSVNVRS PGPHCAQTEV
IATLKNKGKA CLNPASPMVQ KIIEKILNKG STN

Database References

Protein RefSeq:	NP_002081.2
Uniprot ID:	P19876
mRNA RefSeq:	NM_002090.2

Scientific Background

Gene-ID (NCBI):	2921
Synonyms:	CXCL3; GRO3; GROg; MIP2B; SCYB3; MIP-2b; CINC-2b

All three isoforms of GRO are CXC chemokines that can signal through the CXCR1 or CXCR2 receptors. The GRO proteins chemoattract and activate neutrophils and basophils. Recombinant human GRO- γ is a 7.9 kDa protein consisting of 73 amino acids including the 'ELR' motif common to the CXC chemokine family that bind to CXCR1 or CXCR2.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	73
MW:	7.9 kDa

Biological Activity: Determined by its ability to chemoattract 293 transfected CXCR2 cells using a concentration range of 10-100 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!