



Recombinant Human SDF-1 beta (CXCL12)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

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

Sequence

KPVSLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA
RLKNNNRQVC IDPKLKWIQE YLEKALNKRF KM

Database References

Protein RefSeq:	NP_954637.1
Uniprot ID:	P48061
mRNA RefSeq:	NM_199168.3

Scientific Background

Gene-ID (NCBI):	6387
Synonyms:	CXCL12; IRH; PBSF; SDF1; TLSF; SDF1A; SDF1B; TPAR1; SCYB12

Stromal Cell-Derived Factor 1β (SDF1-β) is a recently discovered protein belonging to the α-chemokine (C-X-C) family of cytokines. Human SDF1-β is an 8.5 kDa protein containing 72 amino acid residues.

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):	72
MW:	8.5 kDa

Biological Activity: Determined by its ability to chemoattract human peripheral T cells activated with PHA and IL-2 using a concentration range of 20-80 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!