



Recombinant Human GRO-beta (CXCL2)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-032
Size:	10 µg
Lot. No.:	According to product label

Sequence

APLATELRRCQ CLQTLQGIHL KNIQSVKVKVKS PGPHCAQTEV
IATLKNQKKA CLNPASPMVK KIIIEKMLKNG KSN

Database References

Protein RefSeq:	NP_002080.1
Uniprot ID:	P19875
mRNA RefSeq:	NM_002089.3

Scientific Background

Gene-ID (NCBI):	2920
Synonyms:	CXCL2; GRO2; GROb; MIP2; MIP2A; SCYB2; MGSA-b; MIP-2a; CINC-2a

Human GROβ is a member of the C-X-C family of chemokines and promotes neutrophil and basophil chemotaxis and degranulation. GROβ like GROα specifically inhibits growth factor-stimulated proliferation of capillary endothelial cells in a dose-dependent manner. Human GROβ is a 7.9 kDa protein containing 73 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):	73
MW:	7.9 kDa

Biological Activity: Determined by its ability to chemoattract CXCR2 transfected 293 cells using a concentration range of 10.0-100.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!