



Recombinant Rat GRO-beta/MIP-2

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	R20-002
Size:	25 µg
Lot. No.:	According to product label

Sequence

VVVASSELRCQ CLTTLPRVDF KNIQSLTVTP PGPHCAQTEV
IATLKDGHVEV CLNPEAPLVQ RIVQKILNKG KAN

Database References

Protein RefSeq:	NP_446099
Uniprot ID:	P30348
mRNA RefSeq:	NM_053647

Scientific Background

Gene-ID (NCBI):	114105
Synonyms:	Cxcl2; Mip-2; Scyb2

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 rat GRO-β/MIP-2 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 rat neutrophils using a concentration range of 10.0-100.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!