



Recombinant Mouse MIP-2 (CXCL2, Gro-beta)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	M10-037
Size:	20 µg
Lot. No.:	According to product label

Sequence

AVVASELRCQ CLKTLPRVDF KNIQSLSVTP PGPHCAQTEV
IATLKGQKV CLDPEAPLVQ KIIQKILNKG KAN

Database References

Protein RefSeq:	NP_033166.1
Uniprot ID:	P10889
mRNA RefSeq:	NM_009140.2

Scientific Background

Gene-ID (NCBI):	20310
Synonyms:	Cxcl2; GROb; Gro2; Mip2; Scyb; MIP-2; Scyb2; MIP-2a; Mgsa-b; CINC-2a

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 mouse MIP-2 is a 7.8 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:	7.8 kDa

Biological Activity: Determined by its ability to chemoattract total human neutrophils using a concentration range of 1.0-10.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!