



Recombinant Mouse KC (CXCL1)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	M10-027
Size:	20 µg
Lot. No.:	According to product label

Sequence

APIANELRCQ CLQTMAGIHL KNIQSLKVLV SGPHTQTEV
IATLKNGREA CLDPEAPLVQ KIVQKMLKGV PK

Database References

Protein RefSeq:	NP_032202.1
Uniprot ID:	P12850
mRNA RefSeq:	NM_008176.3

Scientific Background

Gene-ID (NCBI):	14825
Synonyms:	CXCL1

All three isoforms of GRO or KC are CXC chemokines that can signal through the CXCR1 or CXCR2 receptors. The GRO proteins chemoattract and activate neutrophils and basophils. Recombinant murine KC is a 7.8 kDa protein consisting of 72 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):	72
MW:	7.8 kDa

Biological Activity: Determined by its ability to chemoattract total human neutrophil population using a concentration range of 10.0-100.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!