



Recombinant Human GCP-2 (CXCL6)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-028
Size:	20 µg
Lot. No.:	According to product label

Sequence

VLTELRCCTCL RVTLRVNPKT IGKLVQVFPAG PQCSKVEVVA
SLKNGKQVCL DPEAPFLKKV IQKILDSGNK KN

Database References

Protein RefSeq:	NP_002984.2
Uniprot ID:	P80163
mRNA RefSeq:	NM_002993.4

Scientific Background

Gene-ID (NCBI):	6372
Synonyms:	CXCL6; GCP2; CKA-3; GCP-2; SCYB6

GCP-2 is a connective tissue derived CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. GCP-2 selectively attracts neutrophils and has also been shown to exert anti-angiogenic activity. Human GCP-2 is cross-react on murine cells. Recombinant human GCP-2 is a 7.9 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:	7.9 kDa

Biological Activity: Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-50.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!