

Recombinant Human CXCL2 Protein

Cat. No. CXCL2-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL2 Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	73 amino acid
Description	Human CXCL2 is a 73 amino acid, ELR+ chemokine that belongs to the GRO isoform subset which activates the G protein-coupled receptors CXCR2. LPS-stimulated macrophages strongly express CXCL2 in addition to the constitutive expression by macrophages. CXCL1 is a potent chemoattractant for neutrophils and hematopoietic stem cells and an activator of basophils.
Form	Lyophilized
Molecular Mass	7.88842 kDa
AA Sequence	APLATELRCQ CLQTLQGIHL KNIQSVKVKVKS PGPHCAQTEV IATLKNQKA CLNPASPMVK KIIKMLKNG KSN
Endotoxin	Endotoxin-free <0.01 EU/ug
Purity	Purity assessed by HPLC, Mass Spectrometry, and NMR

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Storage	Store at -20 to -80 centigrade for 12 months; Store at 4 centigrade for 6 months; Store at RT for 1 month.
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tmpcolum67	C-X-C motif chemokine ligand 2
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GENE INFORMATION

Gene Name	CXCL2 C-X-C motif chemokine ligand 2 [Homo sapiens (human)]
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Official Symbol	CXCL2
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Synonyms	GRO2; GROb; MIP2; MIP2A; SCYB2; MGSA-b; MIP-2a; CINC-2a
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Gene ID	2920
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mRNA Refseq	NM_002089
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Protein Refseq	NP_002080
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MIM	139110
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UniProt ID	P19875
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