

Recombinant Full Length Human CXCL1 Protein, GST-tagged

Cat. No. CXCL1-2225HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CXCL1 full-length ORF (AAH11976, 1 a.a. - 107 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	107 amino acids
Description	This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. Aberrant expression of this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4. [provided by RefSeq, Sep 2014]
Molecular Mass	37.51 kDa
AA Sequence	MARAALSAAPSNPRLLRVALLLLLLVAAGRRAAGASVATELRCQCLQTLQGIHPKNIQ SVNVKSPGPHCAQTEVIATLKNRKAACLPASPIVKKIIKMLNSDKSN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CXCL1 chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) [Homo sapiens]
Official Symbol	CXCL1
Synonyms	CXCL1; chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha); fibroblast secretory protein , FSP, GRO1, GRO1 oncogene (melanoma growth stimulating activity, alpha) , MGSA; growth-regulated alpha protein; GROa; MGSA a; NAP 3; SCYB1; MGSA alpha; GRO-alpha(1-73); C-X-C motif chemokine 1; fibroblast secretory protein; neutrophil-activating protein 3; melanoma growth stimulatory activity alpha; GRO1 oncogene (melanoma growth-stimulating activity); GRO1 oncogene (melanoma growth stimulating activity, alpha); FSP; GRO1; MGSA; NAP-3; MGSA-a
Gene ID	2919
mRNA Refseq	NM_001511
Protein Refseq	NP_001502

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MIM	155730
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UniProt ID	P09341
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