

Recombinant Human CXCL1 Protein, MBP-tagged

Cat. No. CXCL1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL1 Protein 35-107 aa (full-length) with a MBP tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	35-107 a.a.
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.
Molecular Mass	52.6 kDa
Purity	>95% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB).
Applications	ELISA, WB, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-MBP

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(WB) and peptide fingerprinting by MALDI-TOF mass spectrometry.

Storage

Frozen / Solution. For extended storage, conserve at –80 centigrade. Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Expiry

12 months from the date of purchase, if it is properly stored.

Storage Buffer

Phosphate-Buffered Saline (PBS), pH 7.4. No preservatives added.

Shipping

Dry Ice

GENE INFORMATION

Gene Name

CXCL1 C-X-C motif chemokine ligand 1 [Homo sapiens (human)]

Official Symbol

CXCL1

Synonyms

CXCL1; C-X-C motif chemokine ligand 1; FSP; GRO1; GROa; MGSA; NAP-3; SCYB1; MGSA-a; growth-regulated alpha protein; C-X-C motif chemokine 1; GRO-alpha(1-73); GRO1 oncogene (melanoma growth stimulating activity, alpha); GRO1 oncogene (melanoma growth-stimulating activity); MGSA alpha; chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha); fibroblast secretory protein; melanoma growth stimulating activity, alpha; melanoma growth stimulatory activity alpha; neutrophil-activating protein 3

Gene ID

2919

mRNA Refseq

NM_001511

Protein Refseq

NP_001502

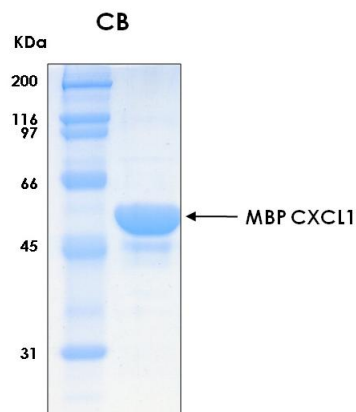
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