

## Recombinant Human CXCL1 protein(Ala35-Asn107)

Cat. No. CXCL1-2370H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CXCL1 (P09341-1) (Ala35-Asn107) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala35-Asn107
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CXCL1 consists of 73 amino acids and predicts a molecular mass of 7.9 kDa. It migrates as an approximately 7-10 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

### GENE INFORMATION

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<b>Gene Name</b>	CXCL1 chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) [ Homo sapiens ]
<b>Official Symbol</b>	CXCL1
<b>Synonyms</b>	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;
<b>Gene ID</b>	2919
<b>mRNA Refseq</b>	NM_001511
<b>Protein Refseq</b>	NP_001502
<b>MIM</b>	155730
<b>UniProt ID</b>	P09341

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