

Recombinant Human CXCL5 protein, His & GST-tagged

Cat. No. CXCL5-7840H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL5 aa. (Gly38~Asn114) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly38~Asn114
Description	This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils, to promote angiogenesis and to remodel connective tissues. This protein is thought to play a role in cancer cell proliferation, migration, and invasion.
Form	Freeze-dried powder
Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 7.2.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CXCL5 C-X-C motif chemokine ligand 5 [Homo sapiens (human)]
Official Symbol	CXCL5
Synonyms	CXCL5; C-X-C motif chemokine ligand 5; SCYB5; ENA-78; C-X-C motif chemokine 5; chemokine (C-X-C motif) ligand 5; epithelial-derived neutrophil-activating protein 78; neutrophil-activating peptide ENA-78; neutrophil-activating protein 78; small inducible cytokine subfamily B (Cys-X-Cys), member 5 (epithelial-derived neutrophil-activating peptide 78)
Gene ID	6374

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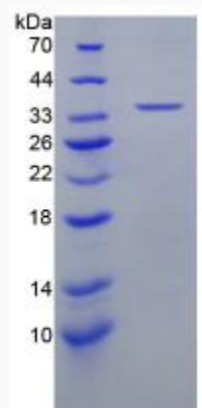
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mRNA Refseq [NM_002994.4](#)

Protein Refseq [NP_002985.1](#)

UniProt ID [P42830](#)

SDS-PAGE



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