

## Active Recombinant Human CXCL5 protein

**Cat. No.** CXCL5-12H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human CXCL5 protein(P42830) (Ala41-Asn114) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	41-114 aa
<b>Form</b>	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 50 mM NaCl.
<b>Bio-activity</b>	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood neutrophils is in a concentration of 10.0-100.0 ng/ml.
<b>Molecular Mass</b>	Approximately 8.1 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids.
<b>AASequence</b>	AAVLRELRCV CLQTTQGVHP KMISNLQVFA IGPQCSKVEV VASLKNGKEI CLDPEAPFLK KVIQKILDGG NKEN
<b>Endotoxin</b>	Less than 1 EU/µg of rHuENA-78, 5-78a.a./CXCL5 as determined by LAL method.
<b>Purity</b>	> 97 % by SDS-PAGE and HPLC analyses.

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<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
<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.
<b>protein Refseq-Weblink</b>	<a href="http://www.ncbi.nlm.nih.gov/protein/NP_002985.1">http://www.ncbi.nlm.nih.gov/protein/NP_002985.1</a>
<b>Unit ID</b>	P42830
<b>Unit ID-Weblink</b>	<a href="http://www.uniprot.org/uniprot/P42830">http://www.uniprot.org/uniprot/P42830</a>

## GENE INFORMATION

<b>Gene Name</b>	CXCL5 chemokine (C-X-C motif) ligand 5 [ Homo sapiens ]
<b>Official Symbol</b>	CXCL5
<b>Synonyms</b>	CXCL5; chemokine (C-X-C motif) ligand 5; SCYB5, small inducible cytokine subfamily B (Cys X Cys), member 5 (epithelial derived neutrophil activating peptide 78); C-X-C motif chemokine 5; ENA 78; ENA-78(1-78); small inducible cytokine B5; small-inducible cytokine B5; neutrophil-activating protein 78; neutrophil-activating peptide ENA-78; epithelial-derived neutrophil activating protein 78; epithelial-derived neutrophil-activating peptide 78; epithelial-derived neutrophil-activating protein 78; small inducible cytokine subfamily B (Cys-X-Cys), member 5 (epithelial-derived neutrophil-activating peptide 78); SCYB5; ENA-78;
<b>Gene ID</b>	6374

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mRNA Refseq [NM\\_002994](#)

protein Refseq [NP\\_002985](#)

MIM [600324](#)

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