Active Recombinant Human CXCL5 protein

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

SPECIFICATION

Product Overview	Active Recombinant Human CXCL5 protein(P42830) (Ala41-Asn114) was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	41-114 aa
Form	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, pH 7.4, 50 mM NaCl.
Bio-activity	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.
Molecular Mass	Apximately 8.1 kDa, a single non-glycosylated polypeptide chain containing 74 amino acids.
AASequence	AAVLRELRCV CLQTTQGVHP KMISNLQVFA IGPQCSKVEV VASLKNGKEI CLDPEAPFLK KVIQKILDGG NKEN
Endotoxin	Less than 1 EU/μg of rHuENA-78, 5-78a.a./CXCL5 as determined by LAL method.
Purity	> 97 % by SDS-PAGE and HPLC analyses.

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

Storage	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.
Reconstitution	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.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_002985.1
Unit ID	P42830
Unit ID-Weblink	http://www.uniprot.org/uniprot/P42830

GENE INFORMATION

Gene Name	CXCL5 chemokine (C-X-C motif) ligand 5 [Homo sapiens]
Official Symbol	CXCL5
Synonyms	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;
Gene ID	6374

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

mRNA Refseq	NM_002994
protein Refseq	NP_002985
MIM	600324

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