

Active Recombinant Human CXCL8 Protein

Cat. No. CXCL8-6422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CXCL8 Protein(P10145-1)(Ser 28 - Ser 99) is expressed from human 293 cells (HEK293). Predicted N-terminus: Ser 28
Species	Human
Source	HEK293
ProteinLength	28-99 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IL-8 Protein, premium grade at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-Human IL-8 Antibody, Human IgG1 with a linear range of 0.1-4 ng/mL.
Molecular Mass	The protein has a calculated MW of 8.4 kDa.
Endotoxin	Less than 0.01 EU per µg by the LAL method / rFC method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-HPLC.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 24 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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.

GENE INFORMATION

Gene Name CXCL8 C-X-C motif chemokine ligand 8 [Homo sapiens (human)]

Official Symbol CXCL8

Synonyms

CXCL8; C-X-C motif chemokine ligand 8; IL8; NAF; GCP1; LECT; LUCT; NAP1; GCP-1; LYNAIP; MDNCF; MONAP; NAP-1; SCYB8; interleukin-8; T-cell chemotactic factor; alveolar macrophage chemotactic factor I; beta endothelial cell-derived neutrophil activating peptide; beta-thromboglobulin-like protein; chemokine (C-X-C motif) ligand 8; emoctakin; granulocyte chemotactic protein 1; interleukin 8; lung giant cell carcinoma-derived chemotactic protein; lymphocyte derived neutrophil activating peptide; monocyte-derived neutrophil chemotactic factor; monocyte-derived neutrophil-activating peptide; neutrophil-activating peptide 1; small inducible cytokine subfamily B, member 8; tumor necrosis factor-induced gene 1

Gene ID 3576

mRNA Refseq NM_000584

Protein Refseq NP_000575

MIM 146930

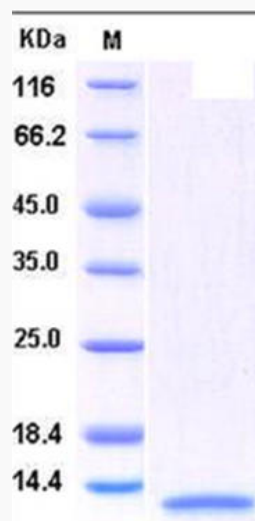
UniProt ID P10145

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SDS-PAGE



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