

Active Recombinant Human IL8 protein

Cat. No. IL8-2599H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL-8/CXCL8/GCP-1 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Ala23-Ser99) of human IL-8 (Accession #NP_000575.1).
Species	Human
Source	E.coli
ProteinLength	Ala23-Ser99
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to enhance Bcl2 expression in HCT116 human colon adenocarcinoma cells. 0.01-1ng/mL of Recombinant Human RSPO1 can effectively enhance Bcl2 expression.
Molecular Mass	10 kDa
Endotoxin	< 1.0 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name IL8 interleukin 8 [Homo sapiens]

Official Symbol IL8

Synonyms

IL8; interleukin 8; interleukin-8; 3 10C; alveolar macrophage chemotactic factor I; AMCF I; b ENAP; beta endothelial cell derived neutrophil activating peptide; chemokine (C X C motif) ligand 8; CXCL8; GCP 1; GCP1; granulocyte chemotactic protein 1; IL 8; K60; LECT; LUCT; lung giant cell carcinoma derived chemotactic protein; lymphocyte derived neutrophil activating peptide; LYNAP; MDNCF; MONAP; monocyte derived neutrophil chemotactic factor; monocyte derived neutrophil activating peptide; NAF; NAP 1; NAP1; neutrophil activating peptide 1; SCYB8; TSG 1; tumor necrosis factor induced gene 1; emoctakin; T-cell chemotactic factor; neutrophil-activating peptide 1; chemokine (C-X-C motif) ligand 8; beta-thromboglobulin-like protein; tumor necrosis factor-induced gene 1; monocyte-derived neutrophil chemotactic factor; monocyte-derived neutrophil-activating peptide; small inducible cytokine subfamily B, member 8; lung giant cell carcinoma-derived chemotactic protein; beta endothelial cell-derived neutrophil activating peptide; GCP-1; NAP-1;

Gene ID 3576

mRNA Refseq NM_000584

Protein Refseq NP_000575

MIM 146930

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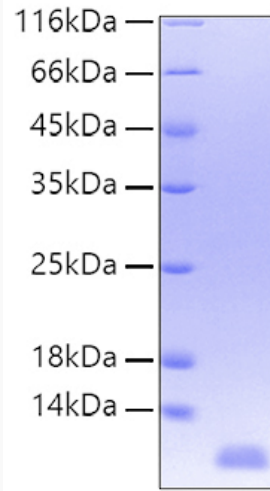
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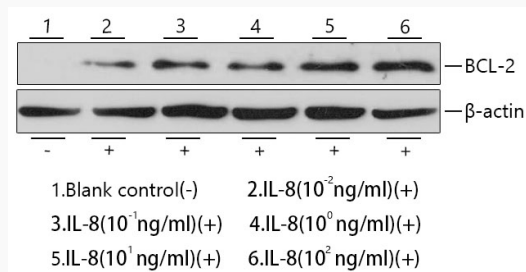
UniProt ID

P10145

SDS-PAGE



Bio-activity



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