

Recombinant Human CXCL10/IP-10 Protein

Catalog No.: RP01638LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3627	P02778

Tags

C-His

Synonyms

C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10; CXCL10

Product Information

Source	Purification
<i>E. coli</i>	

Endotoxin

<0.1EU/μg

Formulation

Supplied as a 0.22 μm filtered solution in PBS, pH 7.4.

Reconstitution

Background

C-X-C Motif Chemokine Ligand 10 (CXCL10) is a pro-inflammatory chemokine secreted by a wide spectrum of cells. It is involved in multiple mechanisms and reported to have pleiotropic effects, including immune cell migration and attraction to inflammation sites, angiogenesis, and cancer cell growth. CXCL10 is produced by pancreatic islet cells upon inflammatory stress and is specifically recognized by C-X-C Motif Chemokine Receptor 3 (CXCR3) which is expressed by activated T-lymphocytes and other immune cells.

Basic Information

Description

Recombinant Human CXCL10/IP-10 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Val22-Pro98](M)) of human CXCL10/IP-10 (Accession #NP_001556.2) fused with and a 6×His tag at the C-terminus.

Bio-Activity

Storage

This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

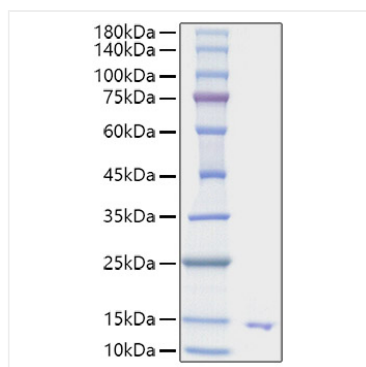
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Validation Data



Recombinant Human CXCL10/IP-10 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 8.6 kDa.