

Recombinant Mouse CXCL10/IP-10 Protein

Catalog No.: RP01625 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	15945	P17515

Tags

No tag

Synonyms

C7; IP10; CRG-2; INP10; IP-10; lfi10; mob-1; Scyb10; gIP-10;CXCL10

Product Information

Source	Purification
<i>Pichia</i>	> 95% by SDS-PAGE.

Endotoxin

<0.1EU/μg

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Background

C-X-C motif ligand 10 (CXCL10), or interferon-inducible protein-10, is a small chemokine belonging to the CXC chemokine family. Its members are responsible for leukocyte trafficking and act on tissue cells, like endothelial and vascular smooth muscle cells. CXCL10 is secreted by leukocytes and tissue cells and functions as a chemoattractant, mainly for lymphocytes.

Basic Information

Description

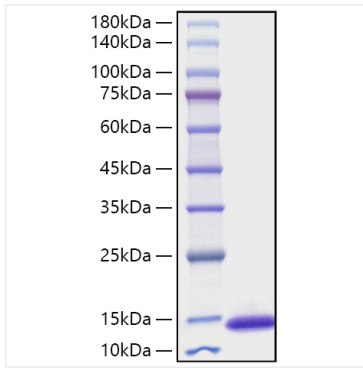
Recombinant Mouse CXCL10/IP-10 Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Ile22-Pro98) of mouse CXCL10/IP-10 (Accession #NP_067249.1) fused with no additional amino acid.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse CXCL10/IP-10 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 10-15 kDa.