

RP01642

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Recombinant Mouse CXCL10/IP10 Protein

Catalog No.: RP01642

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	15945	P17515

Tags

C-hFc

Synonyms

C7; IP10; CRG-2; INP10; IP-10; Ifi10; mob-1; Scyb10; gIP-10; CXCL10

Product Information

Source	Purification
HEK293 cells	> 97% 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.

Contact



www.abclonal.com

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 Mouse CXCL10/IP10 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ile22-Pro98) of mouse CXCL10/IP10 (Accession #NP_067249.1) fused with and a hFc tag at the C-terminus.

Bio-Activity

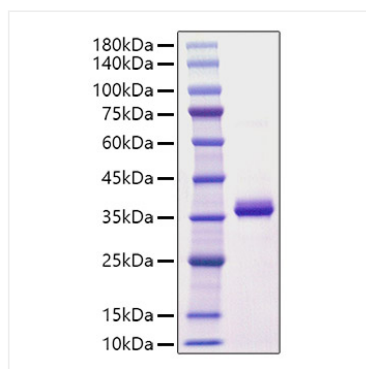
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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/IP10
Protein was determined by SDS-
PAGE with Coomassie Blue, showing
a band at 35 kDa.