

Recombinant Mouse CXCL10/IP-10 Protein

Catalog No.: RP01625

Sequence Information

Species	Gene ID
Mouse	15945
Swiss Prot	Tags
P17515	No tag

Synonyms

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

Product Information

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

Calculated MW	Observed MW
8.70 kDa	10–15 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

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.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

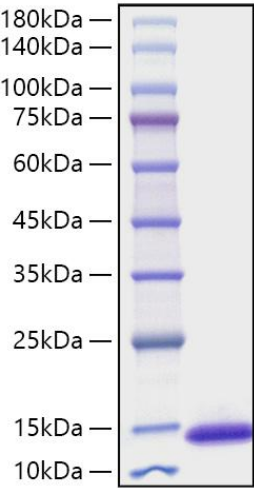
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Mouse CXCL10/IP-10 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.