



[Go to Product page](#)

Datasheet for ABIN7536089
CXCL10 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	CXCL10
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL10 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse CXCL10/IP10 Protein
Sequence:	IPLARTVRCN CIHIDDGPVR MRAIGKLEII PASLSCPVE IATMKKNDE QRCLNPESKT IKNLMKAFSQ KRKRAP
Specificity:	Ile22-Pro98
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	CXCL10
Alternative Name:	CXCL10/IP10 (CXCL10 Products)
Background:	Description: C-X-C Motif Chemokine Ligand 10 (CXCL10) is a pro-inflammatory chemokine

Target Details

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.

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

Gene ID: 15945

UniProt: [P17515](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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.

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

Storage: -20 °C, -80 °C

Storage Comment: 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.