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Datasheet for ABIN1691606
CXCL10 Protein (AA 22-98) (His tag)

Overview

Quantity:	50 µg
Target:	CXCL10
Protein Characteristics:	AA 22-98
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL10 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human C-X-C Motif Chemokine 10/CXCL10 (C-Fc-6His)
Sequence:	VPLSRTVRCT CISISNQPVN PRSLEKLEII PASQFCPRVE IIATMKKKGE KRCLNPESKA IKNLLKAVSK ERSKRSPVDD IEGRMDEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSREEMT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTPPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH
Characteristics:	Recombinant Human C-X-C Motif Chemokine Ligand 10/CXCL10 is produced by our mammalian expression system. The target protein is expressed with sequence (Val22-Pro98) of Human CXCL10/IP-10CRG-2 fused with a FC-6xHis tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Product Details

Endotoxin Level: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

Target Details

Target: CXCL10

Alternative Name: CXCL10 ([CXCL10 Products](#))

Sub Type: Fusionprotein

Background: Human C-X-C Motif Chemokine Ligand 10 (CXCL10) is a non-ELR chemokine secreted by various cell types, such as monocytes, endothelial cells and fibroblasts, in response to IFN-gamma. CXCL10 functions via chemokine receptor CXCR3. CXCL10 has been attributed to several roles, such as chemoattraction for activated T-lymphocytes, inhibition of angiogenesis, and antitumor activity.

Alternative Names: C-X-C Motif Chemokine 10, 10 kDa Interferon Gamma-Induced Protein, Gamma-IP10, IP-10, Small-Inducible Cytokine B10, CXCL10, INP10, SCYB10

Molecular Weight: 36.6 kDa

UniProt: [P02778](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 μg/mL.

Dissolve the lyophilized protein in ddH₂O.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 5 months