CXCL10/IP-10/Crg-2, Human, Recombinant

Cat. No. : PCK120

General Information

Synonyms	C-X-C Motif Chemokine 10;10 kDa Interferon Gamma-Induced Protein;Gamma-IP10;IP-10; Small-Inducible Cytokine B10;CXCL10;INP10;SCYB10
Species	Human
Expression host	E.coli
Sequence	Val22-Pro98
Accession	P02778
Mol mass	8.6 KDa
Expiration date	12 months
Bio activity	Immobilized Recombinant Human CXCL10 at 2 μg/mL (100 μL/well) can bind Human CXCL10 Antibody (Eldelumab,Research Grade). The ED50 of Human CXCL10 Antibody (Eldelumab,Research Grade) is 7.57 ng/mL.

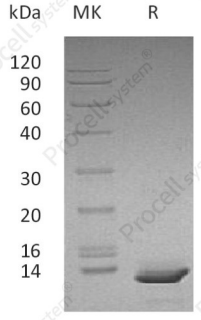
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

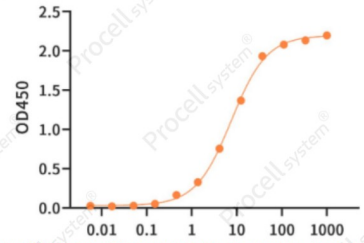
Background

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-γ. 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.

SDS-PAGE



Bio activity



Immobilized Recombinant Human CXCL10 at 2 μg/mL (100 μL/well) can bind Human CXCL10 Antibody (Eldelumab,Research Grade). The ED50 of Human CXCL10 Antibody (Eldelumab,Research Grade) is 7.57 ng/mL.

Procell system®