

ARG70039 Human CXCL10 / IP10 recombinant protein (Active) (His-tagged, N-ter)

Package: 100 µg

Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (N-ter) Active Human CXCL10 / IP10 recombinant protein
Tested Application	SDS-PAGE
Target Name	CXCL10 / IP10
Species	Human
A.A. Sequence	Val22 - Pro98
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to chemoattract human PBMCs using a concentration range of 10.0 - 100.0 ng/mL. Note: Results may vary from different PBMC donors.
Alternate Names	gIP-10; INP10; 10 kDa interferon gamma-induced protein; IP-10; C-X-C motif chemokine 10; 1-73; Small-inducible cytokine B10; IFI10; Gamma-IP10; SCYB10; crg-2; C7; mob-1

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CXCL10
Gene Full Name	chemokine (C-X-C motif) ligand 10
Background	This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. [provided by RefSeq, Sep 2014]
Function	Chemotactic for monocytes and T-lymphocytes. Binds to CXCR3. [UniProt]

Highlight

Related products:

[CXCL10 antibodies](#); [CXCL10 ELISA Kits](#); [CXCL10 recombinant proteins](#);

Related news:

[circNDUFB2, a circular RNA \(circRNA\), activates anti-tumor immunity](#)

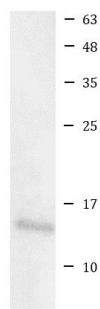
PTM

CXCL10(1-73) is produced by proteolytic cleavage after secretion from keratinocytes. [UniProt]

Cellular Localization

Secreted. [UniProt]

Images



Human CXCL10 / IP10 recombinant protein

ARG70039 Human CXCL10 / IP10 recombinant protein (Active) (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70039 Human CXCL10 / IP10 recombinant protein (Active) (His-tagged, N-ter).