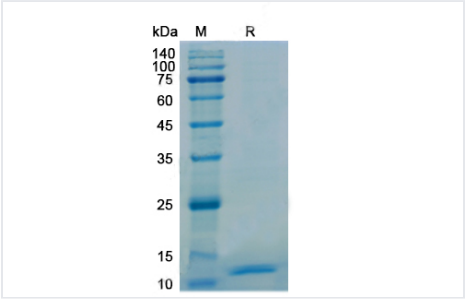
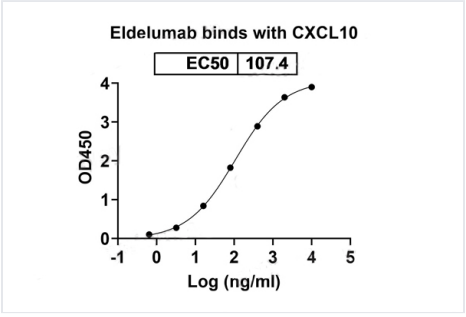
CXCL10/IP-10 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	CXCL10/IP-10, Recombinant Protein
Full Product Name	Recombinant Human CXCL10/IP-10, N-His
Product Gene Name	CXCL10/IP-10 recombinant protein
Product Synonym Names	Gamma-IP10; C-X-C motif chemokine 10; INP10; 10 kDa interferon gamma-induced protein; Small-inducible cytokine B10; SCYB10; IP-10; CXCL10
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	10,881 Da
Sequence Positions	Val22-Pro98
OMIM	147310
3D Structure	ModBase 3D Structure for P02778
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for CXCL10/IP-10 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for CXCL10/IP-10 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for CXCL10/IP-10 recombinant protein	MBS1572920 is a recombinant protein targeting CXCL10/IP-10. Also known as Recombinant Human CXCL10/IP-10, N-His. Host: E coli.
Other Notes	Small volumes of CXCL10/IP-10 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of CXCL10/IP-10 recombinant protein
SDS PAGE for recombinant Human CXCL10 / IP-10



Bioactivity of CXCL10/IP-10 recombinant protein
Detects Eldelumab in indirect ELISAs.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CXCL10/IP-10. It may not necessarily be applicable to this product.

NCBI GI #	149999382
NCBI GeneID	3627
NCBI Accession #	NP_001556.2
UniProt Primary Accession #	P02778
UniProt Secondary Accession #	Q96QJ5
UniProt Related Accession #	P02778
GenBank Nucleotide #	NM_001565.3
NCBI Official Full Name	C-X-C motif chemokine 10
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 10
NCBI Official Symbol	CXCL10
NCBI Official Synonym Symbols	C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10
UniProt Protein Name	C-X-C motif chemokine 10
UniProt Synonym Protein Names	10 kDa interferon gamma-induced protein; Gamma-IP10; IP-10; Small-inducible cytokine B10
UniProt Gene Name	CXCL10
UniProt Synonym Gene Names	INP10; SCYB10; Gamma-IP10; IP-10
UniProt Entry Name	CXL10_HUMAN
NCBI Protein Information	C-X-C motif chemokine 10; gamma IP10; gamma-IP10; small-inducible cytokine B10; interferon-inducible cytokine IP-10; 10 kDa interferon gamma-induced protein; protein 10 from interferon (gamma)-induced cell line; small inducible cytokine subfamily B (Cys-X
NCBI Summary for CXCL10/IP-10	This 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, Jul 2008]
UniProt Comments for CXCL10/IP-10	CXCL10: Chemotactic for monocytes and T-lymphocytes. Binds to CXCR3. Belongs to the intercrine alpha (chemokine CxC) family. Protein type: Motility/polarity/chemotaxis; Secreted; Chemokine; Secreted, signal peptide Chromosomal Location of Human Ortholog: 4q21 Cellular Component: extracellular space; extracellular region; external side of plasma membrane Molecular Function: heparin binding; protein binding; CXCR3 chemokine receptor binding; chemokine activity; cAMP-dependent protein kinase regulator activity; receptor binding Biological Process: muscle development; blood circulation; protein secretion; positive regulation of leukocyte chemotaxis; positive regulation of cAMP metabolic process; chemotaxis; signal transduction; regulation of cell proliferation; G-protein coupled receptor protein signaling pathway; negative regulation of angiogenesis; cell surface receptor linked signal transduction; response to vitamin D; cell-cell signaling; positive regulation of cell proliferation; response to gamma radiation; positive regulation of transcription from RNA polymerase II promoter; immune response; positive regulation of release of sequestered calcium ion into cytosol; response to cold; inflammatory response; negative regulation of myoblast differentiation; regulation of protein kinase activity; defense response to virus
Research Articles on CXCL10/IP-10	**1.** Increased CXCL9 serum levels in hepatitis C-related mixed cryoglobulinemia, with autoimmune thyroiditis, associated with high levels of CXCL10.

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