

IP-10 Recombinant Protein | IP 10 His recombinant protein

Recombinant Human IP-10 (CXCL10), His Tag

CATALOG #
AAA38094

HOST
E Coli

PRODUCT SYNONYMS

IP-10; Recombinant Human IP-10 (CXCL10); His Tag; IP 10 Human; His; IP-10 Human Recombinant (CXCL10); Small inducible cytokine B10; CXCL10; 10 kDa interferon-gamma-induced protein; Gamma-IP10; chemokine (C-X-C motif) ligand 10; C7; IFI10; INP10; crg-2; mob-1; SCYB10; gIP-10; IP 10 His recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	IP-10 His is supplied in 10mM Tris HCl pH8, 1mM EDTA and 50% glycerol. Sterile Filtered clear solution.
Concentration	1x25ug/250ul (varies by lot)
Sequence Length	98
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for IP 10 His recombinant protein	Description: IP-10 His Tag Human Recombinant produced in E Coli is single, a non-glycosylated, Polypeptide chain containing 77 amino acids fragment (22-98) and having a total molecular mass of 8.5 kDa with an amino-terminal hexahistidine tag. The IP-10 His is purified by proprietary chromatographic techniques. Introduction: Chemokine (C-X-C motif) ligand 10 (CXCL10) is a small cytokine belonging to the CXC chemokine family that is also known as 10 kDa interferon-gamma-induced protein (?-IP10 or IP-10). CXCL10 is secreted by several cell types in response to IFN-?. These cell types include monocytes, endothelial cells and fibroblasts. CXCL10 has been attributed to several roles, such as chemoattraction for monocytes and T cells, promotion of T cell adhesion to endothelial cells, anti tumor activity, and inhibition of bone marrow colony formation and angiogenesis. The gene for CXCL10 is located on human chromosome 4 in a cluster among several other CXC chemokines. This chemokine elicits its effects by binding to the cell surface chemokine receptor CXCR3. The three-dimensional crystal structure of this chemokine has been determined under 3 different conditions to a resolution of up to 1.92A.
Product Categories/Family for IP 10 His recombinant protein	Chemokines; IP-10 (CXCL10)

NCBI AND UNIPROT INFORMATION

NCBI GI #	149999382
NCBI GeneID	3627
NCBI Accession #	NP_001556.2
NCBI GenBank Nucleotide #	NM_001565.3
UniProt Accession #	P02778; Q96QJ5
Molecular Weight	10,881 Da

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
NCBI Protein Information	C-X-C motif chemokine 10; 10 kDa interferon gamma-induced protein; gamma IP10; gamma-IP10; interferon-inducible cytokine IP-10; protein 10 from interferon (gamma)-induced cell line; small inducible cytokine subfamily B (Cys-X-Cys), member 10; small-inducible cytokine B10
UniProt Protein Name	C-X-C motif chemokine 10
UniProt Gene Name	CXCL10
UniProt Synonym Gene Names	INP10; SCYB10; Gamma-IP10; IP-10
UniProt Entry Name	CXL10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cxcl10-recombinant-protein-e-coli/38094>