CXCL10 (Human) Recombinant Protein

Catalog # P9490 Size 25 ug

Specification

Product Description	Human CXCL10 (P02778, 22 a.a. - 98 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Host	Escherichia coli
Theoretical MW (kDa)	8.5
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 10mM Tris-HCl pH 8 (1 M EDTA and 50% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CXCL10

Entrez GeneID	3627
Protein Accession#	P02778
Gene Name	CXCL10

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Gene Alias	C7, IFI10, INP10, IP-10, SCYB10, crg-2, gIP-10, mob-1
Gene Description	chemokine (C-X-C motif) ligand 10
Omim ID	147310
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	gamma IP10|interferon-inducible cytokine IP-10|protein 10 from interferon (gamma)-induced cell line|small inducible cytokine B10|small inducible cytokine subfamily B (Cys-X-Cys), member 10

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction
- Toll-like receptor signaling pathway

Disease

- Aspergillosis
- Carcinoma
- Coronary Artery Disease
- Diabetes Mellitus
- Disease Progression
- Genetic Predisposition to Disease
- Graves Disease
- Hematologic Neoplasms
- Hepatitis B
- HIV Infections
- Idiopathic Pulmonary Fibrosis

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- Liver Neoplasms
- Multiple Sclerosis
- Severe Acute Respiratory Syndrome
- Tuberculosis

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