

Recombinant Human CXCL10, GST-tagged

Cat. No. CXCL10-11716H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL10 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-98a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CXCL10 chemokine (C-X-C motif) ligand 10 [Homo sapiens]
Official Symbol	CXCL10

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Synonyms	CXCL10; chemokine (C-X-C motif) ligand 10; INP10, SCYB10, small inducible cytokine subfamily B (Cys X Cys), member 10; C-X-C motif chemokine 10; C7; crg 2; gIP 10; IFI10; IP 10; mob 1; 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-Cys), member 10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10;
Gene ID	3627
mRNA Refseq	NM_001565
Protein Refseq	NP_001556
MIM	147310
UniProt ID	P02778
Chromosome Location	4q21
Pathway	CXCR3-mediated signaling events, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	cAMP-dependent protein kinase regulator activity; chemokine activity; receptor binding;

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