10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CXCL10/IP-10/CRG-2, human recombinant protein

10 kDa interferon gamma-induced protein, Gamma-IP10, IP-10, Small-inducible cytokine B10

Catalog # PBV10208r

Specification

CXCL10/IP-10/CRG-2, human recombinant protein - Product info

Primary Accession	P02778
Calculated MW	8.8 kDa KDa

CXCL10/IP-10/CRG-2, human recombinant protein - Additional Info

Gene ID	3627
Gene Symbol	CXCL10

Other Names
C-X-C motif chemokine 10 (10 kDa interferon gamma-induced protein) (Gamma-IP10) (IP-10) (Small-inducible cytokine B10) Cleaved into: CXCL10(1-73)

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC; ≥95%
Recombinant	Yes
Results	0.02-0.06 µg/ml
Sequence	Recombinant human CXCL10/IP-10/CRG-2 is produced by E.coli transformed with a plasmid contains sequence (Val22-Pro98) of human CXCL10/IP-10/CRG-2 (Uniprot Entry: P02778) fused with a polyhistidine tag at the C-terminus. The sequence of the first five N-terminal amino acids was determined and was found to be Val-Pro-Leu-Ser-Arg.

Target/Specificity
CXCL-10

Application Notes
Dissolve in 1x PBS (It is not recommended to reconstitute to a final concentration less than 100 µg/ml). This can further be diluted to other aqueous buffers.

Format
Lyophilized protein

Storage
-20°C; Lyophilized from a 0.2 µm filtered solution of 20 mM PB and 150 mM NaCl, pH 7.0.

CXCL10/IP-10/CRG-2, human recombinant protein - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CXCL10/IP-10/CRG-2, human recombinant protein - Images

CXCL10/IP-10/CRG-2, human recombinant protein - Background

Human Chemokine (C-X-C motif) ligand 10(CXCL10),also known as Interferon gamma-inducible protein-10 (IP-10), is a non-ELR chemokine secreted by various cell types including monocytes, endothelial cells and fibroblasts in response to IFN-γ. CXCL10 functions via chemokine receptor CXCR3. CXCL10 has been attributed to several roles, such as chemo-attraction for activated T-lymphocytes, inhibition of angiogenesis and antitumor activity.