

**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	<b>3627</b>
Gene Symbol	<b>CXCL10</b>
<b>Other Names</b>	
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	<b>Human</b>
Source	<b>E. coli</b>
Assay&Purity	<b>SDS-PAGE; ≥95%</b>
Assay2&Purity2	<b>HPLC; ≥95%</b>
Recombinant	<b>Yes</b>
Results	<b>0.02-0.06 µg/ml</b>
Sequence	<b>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.</b>

**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

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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- $\gamma$ . 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.