

IL-8 (77 a.a.), human recombinant protein
IL-8, CXCL8, Monocyte-derived neutrophil chemotactic factor, MDNCF, T-cell chemotactic factor, Neutr
Catalog # PBV10132r

Specification

IL-8 (77 a.a.), human recombinant protein - Product info

Primary Accession [P10145](#)
Calculated MW **8.9 kDa KDa**

IL-8 (77 a.a.), human recombinant protein - Additional Info

Gene ID	3576
Gene Symbol	IL8
Other Names	
IL-8, CXCL8, Monocyte-derived neutrophil chemotactic factor, MDNCF, T-cell chemotactic factor, Neutrophil-activating protein 1, NAP-1, Protein 3-10C, Granulocyte chemotactic protein 1, GCP-1, Monocyte-derived neutrophil-activating peptide, MONAP, Emotakin, K60, NAF, LECT, LUCT, 3-10C, LYNAIP, SCYB8, TSG-1, AMCF-I, b-ENAP.	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC;
Recombinant	Yes
Results	25 to 150 ng/ml.
Target/Specificity	
IL-8	

Application Notes

Reconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

IL-8 (77 a.a.), 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](#)

IL-8 (77 a.a.), human recombinant protein - Images**IL-8 (77 a.a.), human recombinant protein - Background**

IL-8 is a proinflammatory CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. It is secreted by monocytes and endothelial cells. IL-8 chemoattracts and activates neutrophils. Recombinant IL-8 (endothelial-derived) is a 8.9 kDa protein containing 77 amino acid residues.