

Animal-Free Recombinant Human IL-8 (72 a.a.) (CXCL8)
Catalog # PBG10516**Specification**

Animal-Free Recombinant Human IL-8 (72 a.a.) (CXCL8) - Product Information**Animal-Free Recombinant Human IL-8 (72 a.a.) (CXCL8) - Additional Information****Description**

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 human IL-8 (monocyte-derived) is an 8.4 kDa protein containing 72 amino acid residues.

Biological Activity

Determined by its ability to chemoattract human peripheral blood neutrophils using a concentration range of 10.0-100.0 ng/ml.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Animal-Free Recombinant Human IL-8 (72 a.a.) (CXCL8) is for research use only and not for use in diagnostic or therapeutic procedures.

Animal-Free Recombinant Human IL-8 (72 a.a.) (CXCL8) - 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](#)

Animal-Free Recombinant Human IL-8 (72 a.a.) (CXCL8) - Images