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Recombinant Human ENA-78 (CXCL5) (5-78 a.a.)

Catalog # PBG10076

Specification

Recombinant Human ENA-78 (CXCL5) (5-78 a.a.) - Product Information

Recombinant Human ENA-78 (CXCL5) (5-78 a.a.) - Additional Information

Description
ENA-78 is a CXC chemokine that signals through the CXCR2 receptor. It is expressed in monocytes, platelets, endothelial cells, and mast cells. ENA-78 is a chemoattractant for neutrophils. The three naturally occurring variants of human ENA-78; ENA 5-78, ENA 9-78 and ENA 10-78, contain 74, 70, and 69 amino acid residues, respectively, and possess the same biological activity. ENA-78 contains the four conserved cysteine residues present in CXC chemokines, and also contains the 'ELR' motif common to CXC chemokine that bind to the CXCR1 and CXCR2 receptors. Recombinant human ENA-78 is an 8.0 kDa protein consisting of 74 amino acid residues.

BiologicalActivity
Determined by its ability to chemoattract human peripheral blood neutrophils using a concentration of 5.0-10.0 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
Recombinant Human ENA-78 (CXCL5) (5-78 a.a.) is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human ENA-78 (CXCL5) (5-78 a.a.) - Protocols

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

Recombinant Human ENA-78 (CXCL5) (5-78 a.a.) - Images