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

Recombinant Human ENA-78 (CXCL5) (8-78 a.a.)

Catalog # PBG10077

Specification

Recombinant Human ENA-78 (CXCL5) (8-78 a.a.) - Product Information

Recombinant Human ENA-78 (CXCL5) (8-78 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. Three N-terminal truncated variants of human ENA-78; ENA 5-78, ENA 8-78, ENA 9-78, contain 74, 71, and 70 amino acid residues, respectively, possess increased 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 a 7.8 kDa protein consisting of 71 amino acid residues.

BiologicalActivity
Determined by its ability to chemoattract human 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
Recombinant Human ENA-78 (CXCL5) (8-78 a.a.) is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human ENA-78 (CXCL5) (8-78 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) (8-78 a.a.) - Images