

Recombinant Human NAP-2 (CXCL7)
Catalog # PBG10326**Specification**

Recombinant Human NAP-2 (CXCL7) - Product Information**Recombinant Human NAP-2 (CXCL7) - Additional Information****Description**

NAP-2 is a CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. It is produced in leukocytes by enzymatic processing of a precursor called platelet basic protein (PBP). NAP-2 chemoattracts and activates neutrophils. Recombinant human NAP-2 protein is a 7.6 kDa protein containing 70 amino acid residues including the four highly conserved cysteine residues present in CXC chemokines, and also including the [ELR] motif common to CXC chemokines that bind to CXCR1 and CXCR2.

Biological Activity

Determined by its ability to chemoattract human neutrophils using a concentration range of 1.0-10.0 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 NAP-2 (CXCL7) is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human NAP-2 (CXCL7) - 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](#)

Recombinant Human NAP-2 (CXCL7) - Images