

### 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 <code>□ELR□</code> 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  $<0.1 \text{ ng}/\mu\text{g}$  of protein ( $<1\text{EU}/\mu\text{g}$ ).

#### **Protein Content**

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

### Storage

-20°C

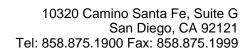
#### **Precautions**

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 Cytomety
- Cell Culture





Recombinant Human NAP-2 (CXCL7) - Images