

Datasheet for ABIN935692 **NAP1L4 Protein**



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Overview

Quantity:	10 µg
Target:	NAP1L4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	AELRCMCIKT TSGIHPKNIQ SLEVIGKGTGTH CNQVEVIATL KDGRKICLDP DAPRIKKIVQ KKLAGDESAD
Characteristics:	Purified recombinant Human NAP2 protein Expression System: E.coli Bioactivity: Determined by its ability to chemoattract human neutrophils using a concentration range of 1.0-10.0 ng/mL.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	NAP1L4
Alternative Name:	NAP2 (NAP1L4 Products)
Background:	NAP-2 is a CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. It is

Target Details

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.

Alternative Names: NAP-2 protein, NAP 2, parent molecule protein, CTAP-III protein, NAP 2 protein, NAP-2, PBP protein, CXCL7 protein, NAP-2 protein, NAP2, precursor protein, Neutrophil Activating Protein-2 protein

Molecular Weight:	7.6 kDa
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Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Supplied as a lyophilized powder.
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Handling Advice:	Avoid repeated freeze/thaw cycles.
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Storage:	4 °C/-20 °C
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Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.
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