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Datasheet for ABIN2018271  
**CXCL7 Protein (AA 59-128)**

### Overview

Quantity:	50 µg
Target:	CXCL7 (PPBP)
Protein Characteristics:	AA 59-128
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Characteristics:	The EC50 value of human NAP-2/CXCL7 on Ca <sup>2+</sup> mobilization assay in CHO-K1/Ga15/hCXCR1 cells (human Ga15 and human CXCR1 stably expressed in CHO-K1 cells) is less than 0.1 µg/mL.
Purity:	> 98 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

### Target Details

Target:	CXCL7 (PPBP)
Alternative Name:	NAP-2/CXCL7 ( <a href="#">PPBP Products</a> )
Background:	Chemokine (C-X-C motif) ligand(CXCL7) is a small cytokine belonging to the CXC chemokine family. It is an isoform of Beta-Thromboglobulin or Pro-Platelet basic protein (PPBP). CXCL7 can signal through the CXCR1 and CXCR2 receptors. It is a protein that is released in large amounts

## Target Details

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from platelets following their activation. It stimulates various processes including mitogenesis, synthesis of extracellular matrix, glucose metabolism and synthesis of plasminogen activator. Recombinant human NAP-2/CXCL7 produced in CHO cells is a single polypeptide chain containing 70 amino acids. A fully biologically active molecule, rhNAP-2/CXCL7 has a molecular mass of 9 kDa analyzed by reducing SDS-PAGE.

Synonyms: NAP-2/CXCL7, Human

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Molecular Weight: 9 kDa, observed by reducing SDS-PAGE.

UniProt: [P02775](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstituted in ddH<sub>2</sub>O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant human I-TAC/ CXCL11 remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, human CXCL11/I-TAC should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

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Expiry Date: 6 months