



## Neutrophil Activating Protein-2 (CXCL7), 95 a.a., human recombinant (rHuNAP-2-95aa)

**Catalog No:** 97548  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** Platelet basic protein, PBP, Small inducible cytokine B7, CXCL7, Leukocyte-derived growth factor, LDGF, Macrophage-derived growth factor, MDGF, pro-platelet basic protein (chemokine (C-X-C motif) ligand 7), TC1, TC2, TGB, TGB1, B-TG1, CTAP3, NAP-2, SCYB7, THBGB, LA-PF4, THBGB1, Beta-TG, CTAPIII, CTAP-III

### Background

Chemokine (C-X-C motif) ligand (CXCL7) is a small cytokine belonging to the CXC chemokine family. It is a protein that is released in large amounts from platelets following their activation. It stimulates various processes including mitogenesis, synthesis of extracellular matrix, glucose metabolism and synthesis of plasminogen activator.

### Description

Neutrophil Activating protein-2 human recombinant produced in *E. coli* is a single, non-glycosylated polypeptide chain containing 95 amino acids (35-128) and having a molecular mass of 10.3 kDa. NAP-2 is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered clear solution.

### Formulation

NAP-2 protein 1 mg/ml is supplied in 20 mM Tris-HCl, pH 7.5, 1 mM DTT and 10% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 90.0% as determined by SDS-PAGE.

### Amino Acid Sequence

MSSTKGQTKR NLAQKKEESL DSDLYAELRC MCIKTTSGIH PKNIQSLEVI GKGTHCNQVE VIATLKDGRK ICLDPDAPRI  
KKIVQKLAG DESAD

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**

**CONTACT US TODAY**

BIOMOL GmbH • Kieler Straße 303a • 22525 Hamburg • Germany • info@biomol.de • www.biomol.de

Fon: +49 (0)40-853 260 0 • TOLL FREE IN GERMANY: Fon: 0800-246 66 51