

## 32-18048: Recombinant Human CXCL7 (C-6His) Protein

**Uniprot ID :** P02775

Platelet Basic Protein; PBP; C-X-C Motif Chemokine 7; Leukocyte-Derived Growth Factor; LDGF;

**Alternative Name :** Macrophage-Derived Growth Factor; MDGFSmall-Inducible Cytokine B7; PPBP; CTAP3; CXCL7; SCYB7; TGB1; THBGB1

### Description

Molecular weight: 11.3 KDa

Description: Recombinant Human C-X-C Motif Chemokine 7 is produced by our Mammalian expression system and the target gene encoding Ser35-Asp128 is expressed with a 6His tag at the C-terminus.

Human Chemokine (C-X-C motif) Ligand 7 (CXCL7), also known as neutrophil activating peptide 2 (NAP-2), is a member of the CXC chemokines containing an ELR domain (Glu-Leu-Arg tripeptide motif). Similar to other ELR domain containing CXC chemokines, such as IL-8 and the GRO proteins, CXCL7 binds CXCR2, chemoattracts and activates neutrophils. CXCL7, Connective Tissue Activating Protein III (CTAPIII) and Î²thromboglobulin (Î²TG), are proteolytically processed carboxylterminal fragments of platelet basic protein (PBP) which is found in the alphagranules of human platelets. Although CTAPIII, Î²TG, and PBP represent amino-terminal extended variants of NAP2 and possess the same CXC chemokine domains, these proteins do not exhibit CXCL7/NAP2 activity. CXCL7 induces cell migration through the G-protein-linked receptor CXCR-2.

### Product Info

**Amount :** 50 µg

**Content :** Lyophilized from a 0.2 ?m filtered solution of 20mM HAc-Nac, 150mM NaCl, pH 4.0.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.