Recombinant Human C-X-C Motif Chemokine 7/CXCL7/NAP-2 Protein(C-6His)

Cat.NO.: TP04655

3th Edition

Synonyms: Platelet Basic Protein; PBP; C-X-C Motif Chemokine 7; Leukocyte-Derived Growth Factor; LDGF; Macrophage-Derived Growth Factor; MDGFSmall-Inducible Cytokine B7; PPBP; CTAP3; CXCL7; SCYB7; TGB1; THBGB1

Description: 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 ?thrombogulin (?TG), are proteolytically processed carboxylterminal fragments of platelet basic protein (PBP) which is found in the alphagranules of human platelets. Although CTAPIII, ?TG, 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.

Form:PBS

Molecular Weight:11.3 kDa

Sequences: Ser35-Asp128

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.