

32-8463: Recombinant Human C-X-C Motif Chemokine 7/CXCL7/NAP-2 (C-6His)(Discontinued)

Gene : PPBP
Gene ID : 5473
Uniprot ID : P02775

Description

Source: Human Cells.
MW :11.3kD.

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 betathromboglobulin (betaTG), are proteolytically processed carboxylterminal fragments of platelet basic protein (PBP) which is found in the alphagranules of human platelets. Although CTAPIII, betaTG, 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 : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM HAc-Nac, 150mM NaCl, pH 4.0.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : SSTKGQTKRNLAKGKEESLSDLYAELRCMCIKTTSGIHPKNIQSLEVIGKGTNCNQVEVIATLKDGRKICLDPD
APRIKKIVQKLAGDESADVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.