

**PPBP, 35-128aa, Human, E.coli**

**Cat.NO.: TP03482**

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3th Edition

**Synonyms:**Pro-platelet basic protein, B-TG1, Beta-TG, CTAP3, CXCL7; LA-PF4, LDGF, MDGF, NAP-2, PBP, SCYB7, TC1, TGB, THBGB

**Description:**PPBP, also known as chemokine (C-X-C motif) ligand 7 (CXCL7), is a platelet-derived growth factor that belongs to the alpha-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.

**Form:**Liquid. In. 20mM Tris-HCl buffer (pH7.5) containing 10% glycerol 1mM DTT

**Molecular Weight:**10.3 kDa (95aa), confirmed by MALDI-TOF

**Sequences:**

MSSTKGQTKRNLAKGKEESLDSDLYAELRCMCIKTTSGIHPKNIQSLEVIGKGTNCNQVEVIATLKDGRKICLDPDAP  
RIKKIVQKKLAGDESAD

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**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.