

Recombinant Full Length Human PPBP Protein, MYC/DDK-tagged

Cat. No. PPBP-2601H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPBP protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-128 a.a.
Description	The protein encoded by this gene is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. It has been shown to stimulate various cellular processes including DNA synthesis, mitosis, glycolysis, intracellular cAMP accumulation, prostaglandin E2 secretion, and synthesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by synovial cells. The protein also is an antimicrobial protein with bactericidal and antifungal activity.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	10.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PPBP pro-platelet basic protein (chemokine (C-X-C motif) ligand 7) [Homo sapiens]

Official Symbol PPBP

Synonyms B-TG1; Beta-TG; CTAP-III; CTAP3; CTAPIII; CXCL7; LA-PF4; LDGF; MDGF; NAP-2; PBP; SCYB7; TC1; TC2

Gene ID 5473

mRNA Refseq NM_002704

Protein Refseq NP_002695

MIM 121010

UniProt ID P02775

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