

Recombinant Human PPBP Protein, Biotin-tagged

Cat. No. PPBP-33H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPBP Protein, fused to Biotin-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	59-128 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.
AA Sequence	AELRCMCIKT TSGIHPKNIQ SLEVIGKGTH CNQVEVIATL KDGRKICLDP DAPRIKKIVQ KKLAGEDESAD + linker
tmpcolumn67	pro-platelet basic protein
Conjugation	Biotin

GENE INFORMATION

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Gene Name	PPBP pro-platelet basic protein [Homo sapiens (human)]
Official Symbol	PPBP
Synonyms	PBP; TC1; TC2; TGB; LDGF; MDGF; TGB1; B-TG1; CTAP3; CXCL7; NAP-2; SCYB7; THBGB; LA-PF4; THBGB1; Beta-TG; CTAPIII; CTAP-III
Gene ID	5473
mRNA Refseq	NM_002704
Protein Refseq	NP_002695
MIM	121010
UniProt ID	P02775

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