

Recombinant Full Length Human PPBP, GST-tagged

Cat. No. PPBP-206H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPBP(1 a.a. - 128 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-128 a.a.
Description	This gene encodes a member of the subtilisin-like proprotein convertase family. These enzymes process latent precursor proteins into their biologically active products. The encoded protein plays a critical role in reproduction and processes multiple prohormones including pro-pituitary adenylate cyclase-activating protein (proPACAP) and pro-insulin-like growth factor II.
Molecular Mass	40.3 kDa
AA Sequence	MSLRLDTPSCNSARPLHALQVLLLLSLLLTALASSTKGQTKRNLAKGKEESLDSPLY AELRCMCIKTTSGIHPK NIQSLEVIGKGTHCNQVEVIATLKDGRKICLDPDAPRIKKIV QKKLAGDESAD
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

Official Symbol PPBP

Synonyms PPBP; PBP; TC1; TC2; TGB; LDGF; MDGF; TGB1; B-TG1; CTAP3; CXCL7; NAP-2; SCYB7; THBGB; LA-PF4; THBGB1; Beta-TG; CTAPIII; CTAP-III; pro-platelet basic protein (chemokine (C-X-C motif) ligand 7); platelet basic protein; thrombocidin 1; thrombocidin 2; beta-thromboglobulin; CXC chemokine ligand 7; C-X-C motif chemokine 7; thromboglobulin, beta-1; small inducible cytokine B7; small-inducible cytokine B7; leukocyte-derived growth factor; low-affinity platelet factor IV; neutrophil-activating peptide 2; neutrophil-activating peptide-2; macrophage-derived growth factor; connective tissue-activating peptide III; small inducible cytokine subfamily B, member 7

Gene ID 5473

mRNA Refseq NM_002704

Protein Refseq NP_002695

MIM 121010

UniProt ID P02775

Chromosome Location 4q12-q13

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Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Cytokine-cytokine receptor interaction
Function	chemokine activity; glucose transmembrane transporter activity; growth factor activity

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