

# Recombinant Full Length Human PPBP Protein, GST-tagged

**Cat. No.** PPBP-385HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human PPBP(1 a.a. - 128 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 128 amino acids                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 40.3 kDa                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MSLRLDTTTPS CNSARPLHAL QVLLLLSLLL TALASSTKGQ TKRNLAGKKE<br>ESLSDSLYAE LRCMCIKTTS GIHPKNIQSL EVIGKGTHCN QVEVIATLKD<br>GRKICLDPDA PRIKKIVQKK LAGDESAD                                                                                                                                                                                                                                  |
| <b>Applications</b>     | ELISA; WB-Re; AP; Array                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | Store at -80 centigrade. 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

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