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

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

## SPECIFICATION

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| **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

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| **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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