

Recombinant Rabbit PPBP Protein, His-tagged

Cat. No. PPBP-1963R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit PPBP Protein (Gln40-Pro110) with N-His tag was expressed in E. coli.
Species	Rabbit
Source	E.coli
ProteinLength	Gln40-Pro110
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 11.7 kDa Accurate Molecular Mass: 12 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

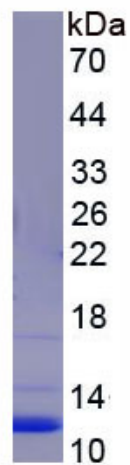
GENE INFORMATION

Gene Name	PPBP pro-platelet basic protein [<i>Oryctolagus cuniculus</i> (rabbit)]
Official Symbol	PPBP
Synonyms	PPBP; pro-platelet basic protein; platelet basic protein; pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)
Gene ID	103350825
mRNA Refseq	XM_008267883
Protein Refseq	XP_008266105

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