

Recombinant Rat PPBP Protein, Fc-tagged

Cat. No. PPBP-1073R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat PPBP (NP_714943.1) (Ile 46-Ile 107) was fused with the Fc region of human IgG1 at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	46-107 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat PPBP /Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 322 amino acids and has a calculated molecular mass of 35.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rat PPBP /Fc monomer is approximately 40 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

Ppbp pro-platelet basic protein (chemokine (C-X-C motif) ligand 7) [*Rattus norvegicus*]

Official Symbol

PPBP

Synonyms

PPBP; pro-platelet basic protein (chemokine (C-X-C motif) ligand 7); platelet basic protein; neutrophil activating peptide-2; chemokine (C-X-C motif) ligand 7; Cxcl7; Nap-2;

Gene ID

246358

mRNA Refseq

NM_153721

Protein Refseq

NP_714943

MIM
UniProt ID
Pathway

Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytok

Function

chemokine activity; molecular_function;

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