

# Rat NAP-2 / PPBP / CXCL7 (Fc Tag) recombinant protein



Catalog Number: 501702

## General Information

### Gene Name Synonym

Chemokine (C-X-C motif) ligand 7, isoform CRA\_b;  
Protein Ppbp

### Protein Construction

A DNA sequence encoding the rat PPBP (NP\_714943.1) (Ile 46-Ile 107) was fused with the Fc region of human IgG1 at the N-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Glu

### 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.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

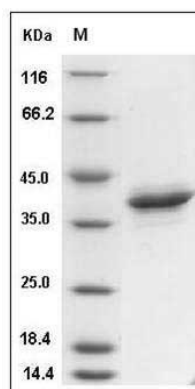
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Rat NAP-2 / PPBP / CXCL7 Protein (Fc Tag) SDS-PAGE