

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 μg 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

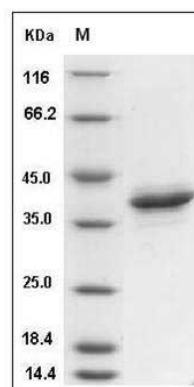
Storage

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