Mouse Pleiotrophin / PTN / HB-GAM (Fc Tag) recombinant protein

Catalog Number: 501225

General Information

Gene Name Synonym

Heparin-binding brain mitogen; Heparin-binding growth factor 8; Heparin-binding growth-associated molecule; Heparin-binding neutrophic factor; Osteoblast-specific factor 1

Protein Construction

A DNA sequence encoding the mouse PTN (P63089) (Gly 33-Asp 168) was fused with the Fc region of human IgG1 at the N-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 85 % 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℃

Predicted N terminal

Glu

Molecular Mass

The recombinant mouse PTN/Fc is a disulfide-linked homodimer. The reduced monomer comprises 396 amino acids and has a calculated molecular mass of 43.7 kDa. The apparent molecular mass of the monomer is approximately 47 kDa in SDS-PAGE under reducing conditions.

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

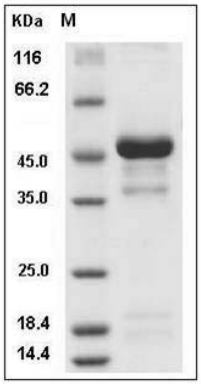
Storage

Store it under sterile conditions at -20℃ to -80℃. 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



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