

# 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 neutrophilic 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  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### 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

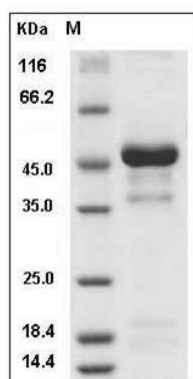
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



Mouse Pleiotrophin / PTN / HB-GAM Protein (Fc Tag) SDS-PAGE