

HUMAN PTN PROTEIN, HFC TAG

Cat.#: 11390

Product Name: Human PTN Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: HARP;HB-GAM;HBBM;HBGF-8;HBGF8;HBNF;HBNF-1;NEGF1;OSF-1

Target: PTN

UNIPROT ID: P21246

Description: Recombinant Human PTN Protein with C-terminal human Fc tag

Background: The protein encoded by this gene is a secreted heparin-binding growth factor. The protein has significant roles in cell growth and survival, cell migration, angiogenesis and tumorigenesis. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Oct 2016]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 41.4 kDa after removal of the signal peptide. The apparent molecular mass of PTN-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: PTN(Gly33-Asp168) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

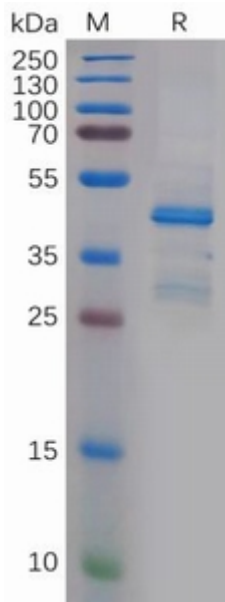


Figure 1. Human PTN Protein, His Tag on SDS-PAGE under reducing condition.