

PTN recombinant protein

Human PTN Protein, hFc Tag

CATALOG #
AAA47476

HOST
HEK293 cells

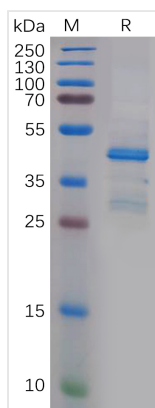
PRODUCT SYNONYMS

PTN; Human PTN Protein; hFc Tag; HARP; HB-GAM; HBBM; HBGF-8; HBGF8; HBNF; HBNF-1; NEGF1; OSF-1; PTN recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>90% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH7.4 ± 0.5 . Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	PTN(Gly33- Asp168)+hF c(Glu99-Al a330)
Species	Human
Tag	C-Human Fc tag
Reconstitution	1) Before opening the tube cap, centrifuge the sample tube at 5000g for 3-S min at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube. 2) Dissolved lyophilized protein sample in sterile and low endotoxin water based on the recommended volume 50ul. 3) After adding sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Note: Do not vortex or vigorously pipette sample.
Preparation and Storage	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 free.zing and thawing).

IMAGES



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for PTN recombinant protein

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]

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506281
NCBI GeneID	5764
NCBI Accession #	NP_002816.1
NCBI GenBank Nucleotide #	NM_002825.5
UniProt Accession #	P21246; Q5U0B0; Q6ICQ5; Q9UCC6
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.
NCBI Official Full Name	pleiotrophin
NCBI Official Synonym Full Names	pleiotrophin
NCBI Official Symbol	PTN
NCBI Official Synonym Symbols	HARP; HBNF; HBGF8; NEGF1
NCBI Protein Information	pleiotrophin; HBBM; OSF-1; HB-GAM; HBGF-8; HBNF-1; osteoblast-specific factor 1; heparin-binding brain mitogen; heparin binding growth factor 8; heparin-binding growth factor 8; heparin affin regulatory protein; neurite growth-promoting factor 1; heparin-
UniProt Protein Name	Pleiotrophin
UniProt Gene Name	PTN
UniProt Synonym Gene Names	HBNF1; NEGF1; PTN; HBBM; HBGF-8; HB-GAM; HBNF-1; OSF-1
UniProt Entry Name	PTN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ptn-recombinant-protein-hek293-cells/47476>