

Pleiotrophin (PTN) Protein | PTN protein

Eukaryotic Pleiotrophin (PTN)

CATALOG # AAA147123	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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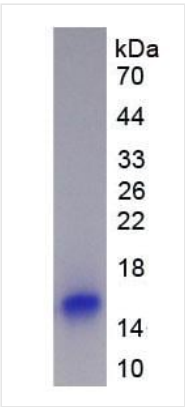
PRODUCT SYNONYMS

Pleiotrophin (PTN); Eukaryotic Pleiotrophin (PTN); HARP; HBGF8; HBNF; NEGF1; Heparin Binding Growth Factor 8; Neurite Growth-Promoting Factor 1; Heparin Affin Regulatory Peptide; Heparin Binding Growth Associated Molecule; PTN protein

PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	168
Applicable Applications for PTN protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Gly33~Asp168
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.6
Subcellular Location	Secreted
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

QWSVCVPTSG DCGLGTREGT RTGAECKQTM KTORCKIPCN WKKQFGAECK
YQFQAWGECG LNTALKTRTG SLKRALHNAE CQKTVTISKP CGKLTGPKPQ
AESKSKKKKEG KKQEKMLD

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PTN protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1008909373
NCBI GeneID	5764
NCBI Accession #	NP_001308315.1
NCBI GenBank Nucleotide #	NM_001321386.2
UniProt Accession #	P21246; Q5U0B0; Q6ICQ5; Q9UCC6
Molecular Weight	16.7kDa; 17kDa
NCBI Official Full Name	pleiotrophin isoform 1
NCBI Official Synonym Full Names	pleiotrophin
NCBI Official Symbol	PTN
NCBI Official Synonym Symbols	HARP; HBBM; HBNF; HBGF8; NEGF1; OSF-1; HB-GAM; HBGF-8; HBNF-1
NCBI Protein Information	pleiotrophin
UniProt Protein Name	Pleiotrophin
UniProt Gene Name	PTN
UniProt Synonym Gene Names	HBNF1; NEGF1; PTN; HBBM; HBGF-8; HB-GAM; HBNF-1; OSF-1

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/293f-cell-protein/pleiotrophin-ptn/147123>