

Recombinant Human PTN, None tagged

Cat. No. PTN-8529H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTN mature form (NP_002816.1) (Met1-Asp168), fused with None, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-168 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 1M NaCl, pH 8.0Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human PTN consists of 136 amino acids and predicts a molecular mass of 15.3 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PTN pleiotrophin [Homo sapiens]

Official Symbol PTN

Gene ID 5764

mRNA Refseq NM_002825

Protein Refseq NP_002816

MIM 162095

UniProt ID P21246

Chromosome Location 7q33

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