

Datasheet for ABIN7275498

Pleiotrophin Protein (PTN) (AA 33-168) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Pleiotrophin (PTN)
Protein Characteristics:	AA 33-168
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pleiotrophin protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse PTN Protein
Sequence:	Gly33-Asp168
Characteristics:	Recombinant Mouse PTN Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Gly33-Asp168.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Pleiotrophin (PTN)
Alternative Name:	PTN (PTN Products)

Target Details

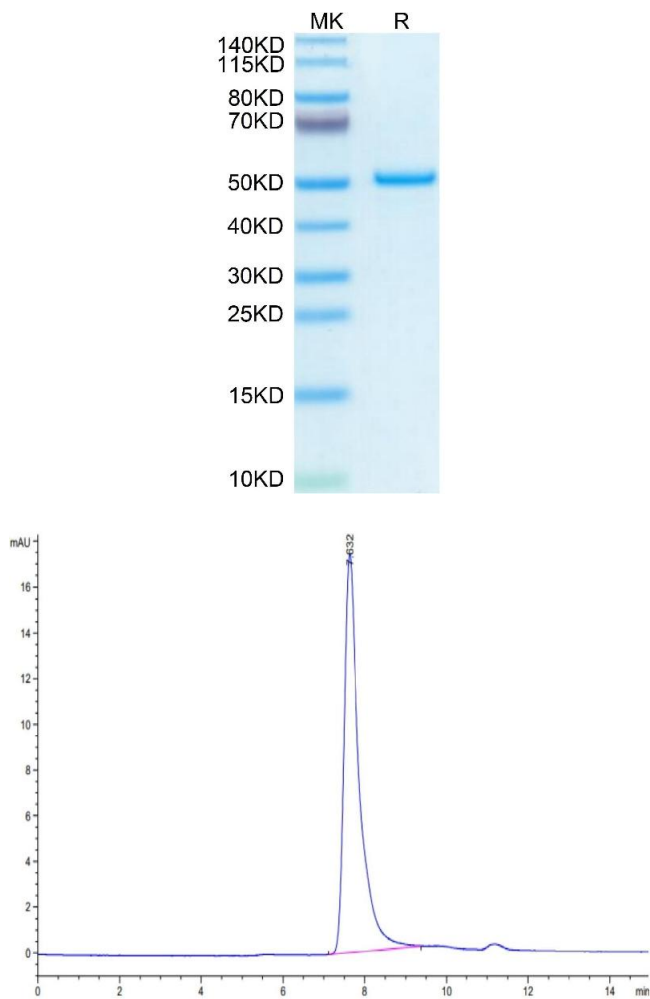
Background:	Pleiotrophin (PTN) is a secreted cell cytokine associated with the extracellular matrix and acts as a growth factor. PTN is mainly expressed in neuroectodermal and mesodermal tissues, indicating its effect in neuron migration and epithelium-mesenchyme interactions. Whereas PTN is associated with some neurodegenerative diseases and has modulating effects on them.
Molecular Weight:	42.6 kDa. Due to glycosylation, the protein migrates to 49-52 kDa based on Tris-Bis PAGE result.
UniProt:	P63089
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse PTN on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse PTN is greater than 95 % as determined by SEC-HPLC.