

Mouse PTN Protein

Cat. No. PTN-MM201

Description

Source	Recombinant Mouse PTN Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Gly33-Asp168.
Accession	P63089
Molecular Weight	The protein has a predicted MW of 42.6 kDa. Due to glycosylation, the protein migrates to 49-52 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μ g by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

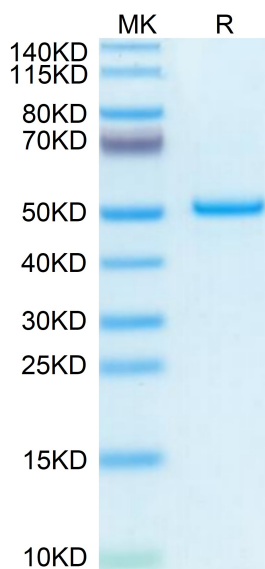
Formulation	Supplied as 0.22 μ m filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

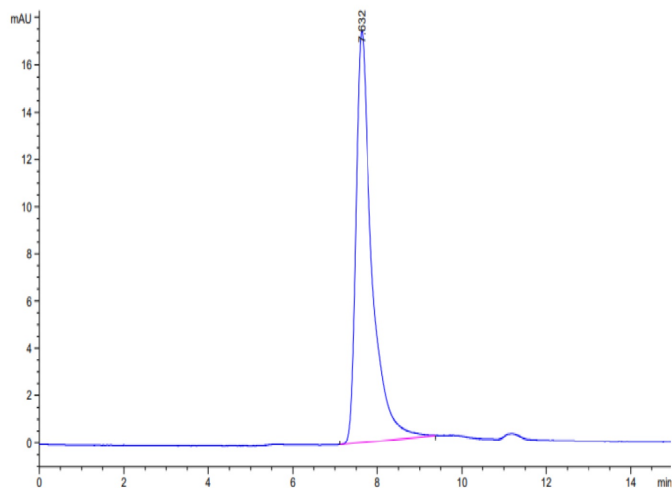
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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