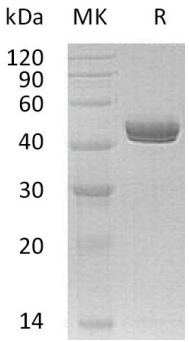
Product Name: Recombinant Human NTNG1 (C-6His)
Catalog #: PHH1206

Summary

Name	Netrin-G1/NTNG1/Netrin G1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Netrin-G1 is produced by our Mammalian expression system and the target gene encoding His29-Ser409 is expressed with a 6His tag at the C-terminus.
Accession #	Q9Y2I2
Host	Human Cells
Species	Human
Predicted Molecular Mass	43.5 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Histidine-HCl, 6% Trehalose, 50mM NaCl, 0.05% Tween 80, pH5.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



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Background

Alternative Names	Netrin-G1; Laminet-1; NTNG1; KIAA0976; LMNT1
Background	Netrin-G1 (NTNG1) is a member of a conserved family of proteins that act as axon guidance cues during vertebrate nervous system development. Netrin-G1 contains one laminin EGF-like domain and one laminin N-terminal domain, Netrin-G1 is highly expressed in the thalamus, lowly in other tissue. Netrin-G1 localizes to the cell membrane. Netrin-G1 interacts with NGL1 and is glycosylated in the N-terminal. In addition, Netrin-G1 can promotesneurite outgrowth of both axons and dendrites.

Note

For Research Use Only , Not for Diagnostic Use.