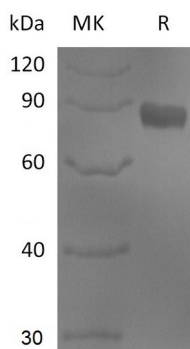


## Summary

<b>Name</b>	Netrin-G1/NTNG1/Netrin G1
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Netrin-G1 is produced by our Mammalian expression system and the target gene encoding His29-Ser409 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	Q9Y2I2
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	70.2 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	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



## Background

**Product Name: Recombinant Human NTNG1 (C-Fc)**  
**Catalog #: PHH2391**



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**Alternative Names**                      Netrin-G1; Laminet-1; NTNG1; LMNT1

**Background**                              Netrin-G1, known as NTNG-1, and is a member of the UNC-6/Netrin family of proteins. The NTNG1 gene is located on chromosome 1p13.3 and encodes a glycosylphosphatidylinositol protein anchored to the presynaptic membrane. Netrin G1 molecule has been described to be involved in axonal guidance/maintenance and axonal growth cone by specifically interacting with its receptor the Netrin G1 ligand (NGL-1), which is located at the postsynaptic compartment. Netrin Gs knockout mice have disturbed subdendritic laminar organization of their specific synaptic ligands (Ngl1 and Ngl2).

**Note**

For Research Use Only , Not for Diagnostic Use.