

NTNG1 Protein, Human (Biotinylated, HEK293, Avi-His)

Cat. No.:	HY-P71175
Synonyms:	Netrin-G1; Laminet-1; NTNG1; KIAA0976; LMNT1
Species:	Human
Source:	HEK293
Accession:	Q9Y2I2 (H29-S409)
Gene ID:	22854
Molecular Weight:	55-65 kDa

PROPERTIES

AA Sequence	<pre> HYDLCKTQIY TEEGKVDWDM ACQPESTDMT KYLKVKKLDPP DITCGDPPET FCAMGNPYMC NNECDASTPE LAHPPELMFD FEGRHPSTFW QSATWKEYPK PLQVNITLSW SKTIELTDNI VITFESGRPD QMILEKSLDY GRTWQPYQYY ATDCLDAFHM DPKSVKDL SQ HTVLEI ICTE EYSTGYTTNS KIIHFEIKDR FAFFAGPRLR NMASLYGQLD TTKKLRDFFT VTDLRIRLLR PAVGEIFVDE LHLARYFYAI SDIKVRGRCK CNLHATVCVY DNSKLTCECE HNTTGPDCGK CKKNYQGRPW SPGSYLP I PK GTANTCIPSI S SIGTNVCDN ELLHCQNGGT CHNNVRCLCP AA Y T G I L C E K L R C E E A G S C G S </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	NTNG1 emerges as a master conductor in the orchestration of neural circuit development, intricately guiding patterning across laminar, cellular, subcellular, and synaptic dimensions. Its influential role extends to fostering the outgrowth of
------------	---

neurites, encompassing both axons and dendrites. In this symphony of neurodevelopment, NTNG1 engages in a nuanced interaction with NGL1, adding a layer of specificity to its involvement in shaping the intricate landscape of neuronal connectivity.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA