

Recombinant Human NTNG1, His-tagged

Cat. No. NTNG1-155H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human Netrin-G1/NTNG1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (His29-Ser409) of Human Netrin-G1 fused with a polyhistidine tag at the C-terminus.

Species Human


Source HEK293

ProteinLength 29-409 a.a.

Description 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 promotes neurite outgrowth of both axons and dendrites.

AA Sequence

```
HYDLCKTQIYTEEGKVWDYMACQPESTDMTKYLKVKLDPPDITCGDPPETFCAMGN
PYMC61NNE CDASTPELAHPPPELMFDFEGRHPSTFWQSATWKEYPKPLQVNITLS
WSKTIELTDNI121VITFE SGRPDQMILEKSLDYGRTWQPYQYYATDCLDAFHMDPK
SVKDLSQHTVLEIICTE181EYSTGYT TNSKIIHFEIKDRFAFFAGPRLRNMASLYGQL
DTTKKLRDFFTVDLRIRLLR241PAVGEIFVD ELHLARYFYAISDIKVRGRCKCNLHA
TVCVYDNSKLTCECEHNTTGPDCGK31CKKNYQGRPWS PGSYLPKGTANTCIPS
ISSIGTNVCDNELLHCQNGGTCHNNVRCLCP361AAYTGILCEKLRC EEAGSCGSVD
```


 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127


 45-1 Ramsey Road, Shirley, NY 11967, USA



	HHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA