

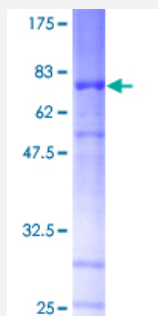
Full-Length

NTNG1 (Human) Recombinant Protein (P01)

Catalog # H00022854-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NTNG1 full-length ORF (AAH30220, 29 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

HYDLCKTQIYTEEGKVWDYMACQPESTDMTKYLKVCLDPPDITCGDPPETFCAMGNPYMCNNEC
DASTPELAHPPELMFDFEGRHPSTFWQSATWKEYPKPLQVNITLSWSKTIELTDNVITFESGRPD
QMLEKSLDYGRWQPYQYYATDCLDAFHMDPKSVKDL SQHTVLEIICTEEYSTGYTTNSKIIHFEIK
DRFAFFAGPRLRNMASLYGQLDTTKLRDFFTVTDLRIRLLRPAVGEIFVDELHLARYFYAISDIKVR
GRCKCNLHATVCVYDNSKLTCECEHNTTGPDCGKCKKNYQGRPWSYLPKGTANTCIPSIS
SIGTNVCDNELLHCQNGGTCHNNVRCLCPAAYTGILCEKLRC EEAGSCGSDSGQGAPPHGSPAL
LLLTTLLGTASPLVF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.84

Interspecies Antigen Sequence

Mouse (89); Rat (91)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NTNG1

Entrez GeneID	22854
GeneBank Accession#	BC030220
Protein Accession#	AAH30220
Gene Name	NTNG1
Gene Alias	KIAA0976, Lmnt1
Gene Description	netrin G1
Omim ID	608818
Gene Ontology	Hyperlink
Gene Summary	Netrin G1 (NTNG1) belongs to a conserved family of proteins that act as axon guidance cues during vertebrate nervous system development (Nakashiba et al., 2000 [PubMed 10964959]).[supplied by OMIM]
Other Designations	Netrin-G1 OTTHUMP00000012710 YLSR571 axon guidance molecule laminet 1 netrin G1f

Pathway

- [Axon guidance](#)

Disease

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Parkinson disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)