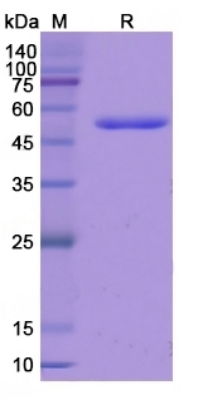
NTN4 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	NTN4, Recombinant Protein
Full Product Name	Recombinant Human NTN4, N-GST
Product Gene Name	NTN4 recombinant protein
Product Synonym Names	Beta-netrin; Hepar-derived netrin-like protein; Netrin-4; NTN4
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	67,529 Da
Sequence Positions	Glu349-His592
3D Structure	ModBase 3D Structure for Q9HB63
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for NTN4 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for NTN4 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for NTN4 recombinant protein	MBS1575308 is a recombinant protein targeting NTN4. Also known as Recombinant Human NTN4, N-GST. Host: E coli.
Other Notes	Small volumes of NTN4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of NTN4 recombinant protein
SDS PAGE for recombinant Human NTN4 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NTN4. It may not necessarily be applicable to this product.

NCBI GI #	93204871
NCBI GeneID	59277
NCBI Accession #	NP_067052.2
UniProt Primary Accession #	Q9HB63
UniProt Secondary Accession #	Q658K9; Q7L3F1; Q7L9D6; Q7Z5B6; Q9BZP1; Q9NT44; Q9P133; B2RNC2
UniProt Related Accession #	Q9HB63
GenBank Nucleotide #	NM_021229.3
NCBI Official Full Name	netrin-4 isoform 1
NCBI Official Synonym Full Names	netrin 4
NCBI Official Symbol	NTN4
NCBI Official Synonym Symbols	PRO3091
UniProt Protein Name	Netrin-4
UniProt Synonym Protein Names	Beta-netrin; Hepar-derived netrin-like protein
Protein Family	Netrin
UniProt Gene Name	NTN4
NCBI Protein Information	netrin-4
NCBI Summary for NTN4	This gene encodes a member of the netrin family of proteins, which function in various biological processes including axon guidance, tumorogenesis, and angiogenesis. Netrins are laminin-related proteins that have an N-terminal laminin-type domain, epidermal growth factor-like repeat domain, and a positively charged heparin-binding domain at the C-terminus. The protein encoded by this gene is involved in processes including neurite growth and migration, angiogenesis and mural cell adhesion to endothelial cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016]
UniProt Comments for NTN4	May play an important role in neural, kidney and vascular development. Promotes neurite elongation from olfactory bulb explants.
Research Articles on NTN4	**1.** Endogenous NTN4/NEO1 maintain neuroblastoma growth via both pro-survival and pro-migratory molecular signaling.
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