



Recombinant Mouse NTN1 Protein Product Manual

1. Product Basic Information

Product No.: REP07655

Protein Name: Netrin Netrin-Netrin 1, Mouse, Homolog Of (NTN1)

Aliases: NET1; MRMV4; NTN1L; netrin netrin-netrin 1, mouse, homolog of; epididymis tissue protein Li 131P

UniProt ID: O95631

UniProt Link: <https://www.uniprot.org/uniprotkb/O95631/entry>

Species Source: Mus musculus (Mouse)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (25-604aa)

Molecular Weight: 66.9 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (25-604aa)

GPGLSMFAGQAAQPDPCSDENGHPRRICIPDFVNAAF GKDVRSSTCGRPPARYC
VVSEERGEERLRSCHLCNSSDPKKAHPPAFLTDLNNPHNLTCWQSENYLQFPHNVT
LTLSLGKKFEVTVVSLQFCSPRPESMAIYKSMDYGRTWVPFQFYSTQCRKMYNRP
HRAPITKQNEQEAVCTDSHTDMRPLSGGLIAFSTLDGRPSAHDFDNSPVLQDWVTA
TDIRVAFSRLHTFGDENEDDSELARDSYYYAVSDLQVGGRCCKNGHAARCVDRD
DSLVCDCRHNTAGPECDRCKPFHYDRPWQRATAREANECVACNCNLHARRCRFN
MELYKLSGRKSGGVCLNCRHNTAGRHCHYCKEGFYRDMGKPITHRKACKACDCH
PVGAAGKTCNQTTGQCCKDGVGTGTCNRCAGYQQSRSPIAPCIKIPVAPPTTAA
SSVEEPEDCDSYCKASKGKLKMNMKKYCRKDYAVQIHILKADKAGDWWKFTVNIIS
VYKQGTSRIRRGDQSLWIRSRDIACKCPKIKPLKKYLLLGNAEDSPDQSGIVADKSS
LVIQWRDWTWARRLRKFQQREKKGKCKKA

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).



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Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse NTN1 full length of mature protein protein (25-604aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. NTN1, also known as NET1 or MRMV4 or NTN1L, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.