

## Recombinant Rat Ntn1 protein, His-tagged

**Cat. No.** Ntn1-4442R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Ntn1 protein(Q924Z9)(25-604aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 25-604aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 68.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | GPGLSMFAGQAAQPDPCSDENGHPRRICIPDFVNAAF GKDVRSSTCGRPPARYCV<br>VSERGEERLR SCHLCNSSDPKKAHPPAFLTDLNNPHNLTCWQSEN YLQFPHNVTLT<br>LSLGKKFEVTVVSLQFCSPRPESMAIYKSMDYGRTWVPFQFYSTQCRKMYNRPHR<br>APITKQNEQEAVCTDSHTDMRPLSGGLIAFSTLDGRPSAHDFD NSPVLQDWVTATDI<br>RVAFSRLHTFGDENEDDSELARDSYYYAVSDLQVGGRCCKNGHAARCVRDRDDSL<br>VCD CRHNTAGPECDRCKPFHYDRPWQRATAREANECVACNCNLHARRCRFN MEL<br>YKL SGRKSGGVCLNCRHNTAGRHCHYCKEGFYRDMGKPITHRKACKACDCHPVGA<br>AGKTCNQTTGQCPCCKDGVGTITCNRCAKGYQQSRSPIAPCIKIPVAPPTTAASSMEE<br>PEDCDSYCKASKGKLKMNMKKYCRKDYAVQIHILKADKAGDWWKFTVNIISVYKQG<br>TSRIRRGDQSLWIRSRDIASKCPKIKPLKKYLLL GNAEDSPDQSGIVADKSSLVIQWR |

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DTWARRSRKFQQREKKGKCKKA

**Purity**

Greater than 85% as determined by SDS-PAGE.

**Storage**

Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

**Gene Name**

Ntn1 netrin 1 [ *Rattus norvegicus* ]

**Official Symbol**

Ntn1

**Synonyms**

NTN1; netrin 1; netrin-1;

**Gene ID**

114523

**mRNA Refseq**

NM\_053731

**Protein Refseq**

NP\_446183

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