

Recombinant Rat Ntn1 protein, His/GST-tagged

Cat. No. Ntn1-257R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ntn1(Pro313~Pro565) fused with two N-terminal Tags, His-tag and GST-tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Pro313~Pro565
Description	Ntn1 played an important role in many functions.
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Molecular Mass	60.5kDa
AA Sequence	<p>PECDRCKP FHYDRPWQRA TAREANECVA CNCNLHARRC RFNMELYKLS GRKSGGVCLN CRHNTAGRHC HYCKEGFYRD MGKPITHRKA CKACDCHPVG AAGKTCNQTT GQCPCKDGVV GITCNRCAKG YQQSRSPIAP CIKIPVAPPT TAASSMEEPE DCDSYCKASK GKLKMMMKKY CRKDYAVQIH ILKADKAGDW WKFTVNIISV YKQGTSRIRR GDQSLWIRSR DIA XKCPKIK PLKKYLLLLGN AEDSP</p>
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%

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Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Ntn1 netrin 1 [<i>Rattus norvegicus</i>]
Official Symbol	Ntn1
Synonyms	NTN1; netrin 1; netrin-1;
Gene ID	114523
mRNA Refseq	NM_053731
Protein Refseq	NP_446183
MIM	
UniProt ID	
Chromosome Location	10q24
Pathway	Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Axon guidance, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; DCC mediated attractive

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signaling, organism-specific biosystem;

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