

Product datasheet for **TP524387**

Rtn4rl2 (NM_199223) Mouse Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse reticulon 4 receptor-like 2 (Rtn4rl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR224387 representing NM_199223 Red =Cloning site Green =Tags(s) |
| | <p>MLPGLRRLLQGPASACLLLTLLALPSVTPSCPMLCTCYSSPPTVSCQANNFSSVPLSLPPSTQRLFLQNN LIRSLRPGTFGPNLLTLWLFSNNLSTIHPGTRHRLQALEELDLGDNRHRLRSLEPDTFQGLERLQSLHLYR CQLSSLPGNIFRGLVSLQYLYLQENSLLHLQDDLADLANLSHLFLHGNRLRLLTEHVFRGLGSLDRLLL HGNRLQGVHRAAFHGLSRLTILYLFNNSLASLPGALADLPALEFLRLNANPWACDCRARPLWAWFQRAR VSSSDVTCATPPERQGRDLRALRDSDFQACPPPTPRPGSRARGNSSNHLYGVAEAGAPPADPSTLYRD LPAEDSRGRQGGDAPTEDDYWG GYG GEDQRGEQTCPGAACQAPADSRGPALSAGLRTPLLCLLPLALHHL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-MYC/DDK |
| Predicted MW: | 46.5 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_954693 |
| Locus ID: | 269295 |
| UniProt ID: | Q7M6Z0 |



[View online »](#)

RefSeq Size: 1263

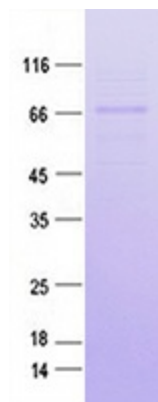
Cytogenetics: 2 D

RefSeq ORF: 1260

Synonyms: Ngr2; Ngrh1; Ngrl3

Summary: Cell surface receptor that plays a functionally redundant role in the inhibition of neurite outgrowth mediated by MAG (By similarity). Plays a functionally redundant role in postnatal brain development (PubMed:27339102). Contributes to normal axon migration across the brain midline and normal formation of the corpus callosum (PubMed:27339102). Does not seem to play a significant role in regulating axon regeneration in the adult central nervous system (PubMed:22406547). Protects motoneurons against apoptosis; protection against apoptosis is probably mediated by MAG (PubMed:26335717). Like other family members, plays a role in restricting the number dendritic spines and the number of synapses that are formed during brain development (PubMed:22325200). Signaling mediates activation of Rho and downstream reorganization of the actin cytoskeleton (PubMed:22325200).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Rtn4rl2 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.