

Product datasheet for **TP509681**

Rtn4 (BC032192) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse reticulon 4 (cDNA clone MGC:38204 IMAGE:5323152), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209681 protein sequence Red =Cloning site Green =Tags(s)

MPEGLTPDLVQEACESELNEATGTKIAYETKVDLVQTSEAIQESIYPTAQLCPSFEEAEATPSPVLPDIV
MEAPLNSLLPSTGASVAQPSASPLEVSPVSYDGIKLEPENPPPYEEAMSVALKTSDAKEEIKEPESFNA
AAQAEAPYISIACDLIKETKLSTEPSPEFSNYSEIAKFEKSVDPDHCELVDSSPESEPVDFSDDSIPE
VPQTQEEAVMLMKESLTVSETVTQHKHKERLSASPQEVGKPYLESFQPNLHITKDAASNEIPTLTKKET
ISLQMEEFNIAIYSNDDLSSKEDMKKESETFSDSSPIEIIDFPTFVSAKDDSPKEYTDLEVS NKSEIA
NVQSGANSLPCSELPCDLSFKNTYPKDEAHVSDSEFSKSRSSVSKVPLLLPNVSALESQIEMGNIVKPKVL
TKEAEEKLPSDTEKEDRSLTAVLSAELNKTSVLDLWYRDIIKKTGVVFGASLFLLSLTVFSIVSVTAYI
ALALLSVTISFRIYKGVIAIQKSDGHPFRAYLESEVAISEELVQKYSNSALGHVNSTIKELRRLFLVD
DLVDSLKFAVLMWVFTYVGFALFNGLTLILALISLFSIPVIYERHQAQIDHYLGLANKSVKDAMAKIQAK
IPGLKRKAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	70.3 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.



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Locus ID:	68585
UniProt ID:	Q99P72
RefSeq Size:	2958
Cytogenetics:	11 A3.3
RefSeq ORF:	1917
Synonyms:	ASY, NOGO, NSP-CL, C130026I10Rik
Summary:	Required to induce the formation and stabilization of endoplasmic reticulum (ER) tubules. They regulate membrane morphogenesis in the ER by promoting tubular ER production. They influence nuclear envelope expansion, nuclear pore complex formation and proper localization of inner nuclear membrane proteins. However each isoform have specific functions mainly depending on their tissue expression specificities.[UniProtKB/Swiss-Prot Function]