

Product datasheet for TP516702

Rhpn2 (NM_027897) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse raphilin, Rho GTPase binding protein 2 (Rhpn2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216702 protein sequence Red =Cloning site Green =Tags(s)

MTDTLLPAAPQPLEKEGDDYFRKGCNPLAQTGRSKLQNQRAALNQQILKAVRMRTGAENLLKVATNQKVR
EQVRELSFVNSDLQMLKEELEGLNISVGVYQGTEEAFTIPLIPLGLKETKEVDFSVFKDFILEHYSED
SYLYEDDIADLMDLRQACRTPSRDEAGVELLMSYFIQLGFVESRFFPPTRHMGLLFTWYDSFTGVPVSQQ
TLLLEKASVLFNIGALYTQIGTRCNRQTQAGLESVDAFQRAAGVLNLYLKETFTHTPSYDMSPAMLSVLV
KMMLAQAESVFEKVCLPGIQNEFFVLKVAQEAQKVAEAYRQLHAAMSQEPVKENIPYSWASVAYVKAY
HYGALAHYFAATLLIDHQLKPGADEDHQEKCLSQLYDRMPEGMTPLATLKNAGQRVLLGKGHLHRAIGFH
EESLREANLCKKLRDIQVLRDVLSAAHQRTQLKHTQHREDDLLNLIDAPDVLPKTEREVKITFPDFSKV
TVTDFQKLGPLSVFSASKRWSPPRGHFTVEEGDLGFTLRGNTPVQVHFLDPHCSASLAGAKEGDYIVS
IQGVDCKWLTVSDVMKLLKSFSGGEEVEMKVVSLDSTSSMHNKCATYSVGMQKTYSMICLSMDDDDKADK
TKKISKKLSFLSWGTSKRNQKSASTLCLPEVGLARSQNKKKLPTPFLLNSDSSLY

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	76.9 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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RefSeq:	<u>NP_082173</u>
Locus ID:	52428
UniProt ID:	<u>Q8BWR8</u>
RefSeq Size:	3439
Cytogenetics:	7 21.36 cM
RefSeq ORF:	2061
Synonyms:	1300002E07Rik; AA536890; C85860; D7ErtD784e
Summary:	Binds specifically to GTP-Rho. May function in a Rho pathway to limit stress fiber formation and/or increase the turnover of F-actin structures in the absence of high levels of RhoA activity (By similarity).[UniProtKB/Swiss-Prot Function]