

Product datasheet for **TP306645M**

RHPN1 (NM_052924) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human rhophilin, Rho GTPase binding protein 1 (RHPN1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206645 protein sequence Red =Cloning site Green =Tags(s)
	MILEERPDGAGAGEESPRLQGCDSLTQIQCGQLQSRRQIHQQIDKELQMRTGAENLYRATSNNRVRETV ALELSYVNSNLQLLKEELEELSGGVDPGRHGSEAVTPMIPGLKETKELDWSTPLKELISVHFGEDGAS YEAIRELEALRQAMRTPSRNESGLELLTAYYNQLCFLDARFLTPARSLGLFFHWYDSLTVPAQQRALA FEKGSVLNIGALHTQIGARQDRSCTEGARRAMEAFQRAAGAFSLLRENFSHAPSPDMSAASLCALEQLM MAQAQECVFEGLSPPASMAPQDCLAQLRLAQEAQVAAEYRLVHRTMAQPPVHDYVPVSWTALVHVKA EY FRSLAHYHVAMALCDGSPATEGELPTHEQVFLQPPTSSKPRGPVLPQELEERRQLGKAHLKRAILGQEEA LRLHALCRVLRVDLLRAVISQTLQRSIAKYAELDREDDFCEAAEAPDIQPKTHQKPEARMPRLSQGKGP DIFHRLGPLSVFSAKNRWRLVGPVHLTRGEGGFGLTLRGDSPVLIAAVIPGSQAAAAGLKEGDYIVSVNG QPCRWWRHAENVTELKAAGEAGASLQVVSLLPSSRLPSLGDRLPVLLGPRGLLSQREHGCKTPASTWAS PRPLLNWSRKAQQGKTGGCPQPCAPVKPAPPSSLKHPGWP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	73.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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:	<u>NP_443156</u>
Locus ID:	114822
UniProt ID:	<u>Q8TCX5</u>
RefSeq Size:	3795
Cytogenetics:	8q24.3
RefSeq ORF:	2010
Synonyms:	ODF5; RHOPHILIN; RHPN
Summary:	Has no enzymatic activity. May serve as a target for Rho, and interact with some cytoskeletal component upon Rho binding or relay a Rho signal to other molecules.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RHPN1 protein (Cat# [TP306645]). The protein was produced from HEK293T cells transfected with RHPN1 cDNA clone (Cat# [RC206645]) using MegaTran 2.0 (Cat# [TT210002]).