

Product datasheet for **TP306645**

RHPN1 (NM_052924) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human rhophilin, Rho GTPase binding protein 1 (RHPN1), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206645 protein sequence
Red=Cloning site **Green**=Tags(s)

MILEERPDGAGAGEESPRLQGCDLSLTQIQCGQLQSRRQIHQQIDKELQMRTGAENLYRATSNNRVRETV
ALELSYVNSNLQLLKEELEELSGGVDPGRHGSEAVTPMPIPLGLKETKELDWSTPLKELISVHFGEDGAS
YEAIRELEALRQAMRTPSRNESGLELLTAYYNQLCFLDARFLTPARSLGLFFHWYDSLTVPAQQRALA
FEKGSVLFNIGALHTQIGARQDRSCTEGARRAMEAFQRAAGAFSLLRENFSHAPSPDMSAASLCALEQLM
MAQAQECVFEGLSPPASMAPQDCLAQLRLAQEAQVAAEYRLVHRTMAQPPVHDYVPVSWTALVHVKA
FRSLAHYHVAMALCDGSPATEGELPTHEQVFLQPPTSSKPRGPVLPQELEERRQLGKAHLKRAILGQEEA
LRLHALCRVLREVDLLRAVISQTLQRSLAKYAELDREDDFCEAAEAPDIQPKTHQKPEARMPRLSQGKGP
DIFHRLGPLSVFSAKNRWRLVGPVHLTRGEGGFGLTLRGDSPVLIAAVIPGSQAAAAAGLKEGDYIVSVNG
QPCRWWRHAEVTELKAAGEAGASLQVVSLLPSSRLPSLGDRRPVLLGPRGLLRSQREHGCKTPASTWAS
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]).