

Recombinant Human RHPN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RHPN1-2516H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RHPN1 MS Standard C13 and N15-labeled recombinant protein (NP_443156) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	73.6 kDa
AA Sequence	MILEERPDGAGAGEESPRLQGCDLSTQIQCGQLQSRRAQIHQQIDKELQMRTGAEN LYRATSNNRVRETVALELSYVNSNLQLLKEELEELSGGVDPGRHGSEAVTVPMIPLG LKETKELDWSTPLKELISVHFGEDGASYEAEIRELEALRQAMRTPSRNESGLELLTAY YNQLCFLDARFLTPARSLGLFFHWYDSLTVPAQQRALAFEKGSVLFNIGALHTQIG ARQDRSCTEGARRAMEAFQRAAGAFSLLRENFSHAPSPDMSAASLCALEQLMMAQ AQECVFEGLSPPASMAPQDCLAQLRLAQEAQVAAEYRLVHRTMAQPPVHDYVPV SWTALVHVKAHEYFRSLAHYHVAMALCDGSPATEGELPTHEQVFLQPPTSSKPRGPV LPQELEERRQLGKAHLKRAILGQEEALRLHALCRVLREVDLLRAVISQTLQRS LAKYA ELDREDDFCEAAEAPDIQPKTHQKPEARMPRLSQGKGPDIFHRLGPLSVFSAKNRW RLVGPVHLTRGEGGFGLTLRGDSPVLIAAVIPGSQAAAAGLKEGDYIVSVNGQPCR WWRHAEVVTELKAAGEAGASLQVVSLLPSSRLPSLGDRRPVLLGPRGLLRSQREH

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GCKTPASTWASPRLLNWSRKAQQGKTGGCPQPCAPVKPAPPSSLKHGWPTRT
RPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RHPN1 raphilin Rho GTPase binding protein 1 [Homo sapiens (human)]

Official Symbol RHPN1

Synonyms RHPN1; raphilin, Rho GTPase binding protein 1; raphilin-1; KIAA1929; ODF5; RHPN; raphilin 1; GTP-Rho-binding protein 1; outer dense fiber of sperm tails 5; RHOPHILIN;

Gene ID 114822

mRNA Refseq NM_052924

Protein Refseq NP_443156

MIM 601031

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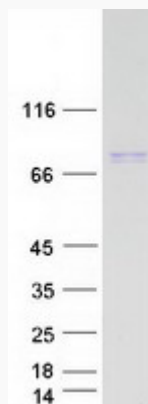
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UniProt ID

Q8TCX5

SDS-PAGE

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