

Product datasheet for PH306645

RHPN1 (NM_052924) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RHPN1 MS Standard C13 and N15-labeled recombinant protein (NP_443156)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206645
Predicted MW:	73.6 kDa
Protein Sequence:	>RC206645 protein sequence Red =Cloning site Green =Tags(s)

MILEERPDGAGAGEESPRLQGCDSLTQIQCGQLQSRRAQIHQQIDKELQMRGAENLYRATSNRRVRETV
 ALELSYVNSNLQLLKEELEELSGGVDPGRHGSEAVTPMIPLGLKETKELDWSTPLKELISVHFGEDGAS
 YEAEIRELEALRQAMRTPSRNESGLELLTAYYNQLCFLDARFLTPARSLGLFFHWYDSLTVPAQQRALA
 FEKGSVLFNIGALHTQIGARQDRSCTEGARRAMEAFQRAAGAFSLLRENFSHAPSPDMSAASLCALEQLM
 MAQAQECVFEGLSPPASMAPQDCLAQLRLAQEAQVAAEYRLVHRTMAQPPVHDYVPVSWTALVHVAEY
 FRSLAHYHVAMALCDGSPATEGELPTHEQVFLQPPTSSKPRGPVLPQELEERRQLGKAHLKRAILGQEEA
 LRLHALCRVLREVDLLRAVISQTLQRLAKYAELDREDDFCEAAEAPDIQPKTHQKPEARMPRLSQGKGP
 DIFHRLGPLSVFSKKNRWRLVGPVHLTRGEGGFGLTLRGDSPVLIAAVIPGSQAAAAGLKEGDYIVSVNG
 QPCRWWRHAENVTELKAAGEAGASLQVVSLLPSSRLPSLGDRRPVLLGPRGLLSQREHGCKTPASTWAS
 PRPLLNWSRKAQQGKTGGCPQPCAPVKPAPPSSSLKHGPWP

TRTRPLEEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_443156
RefSeq Size:	3795


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RefSeq ORF:	2010
Synonyms:	ODF5; RHOPHILIN; RHPN
Locus ID:	114822
UniProt ID:	Q8TCX5
Cytogenetics:	8q24.3
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]).