

Datasheet for ABIN7557663
RHPN1 Protein (AA 1-643) (His tag)



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Overview

Quantity:	1 mg
Target:	RHPN1
Protein Characteristics:	AA 1-643
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RHPN1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rhpn1 Protein expressed in mammalian cells.
Sequence:	MILEERPDGQ GTGEESSRPQ DDGSIRKGYG SFVQNQPGQL QSHRARLHQQ ISKELRMRTG AENLYRATSN TWVRETVALE LSYVNSNLQL LKEELAEELST SVDVDQPEGE GITIPMIPLG LKETKELDWA TPLKELISEH FGEDGTSFET EIQELEDLRQ ATRTPSRDEA GLDLLAAYYS QLCFLDARFF SPSRSPGLLF HWYDSL TGVP AQQRALAF EK GSVLFNIGAL HTQIGARQDC SCTEGTNHAA EAFQRAAGAF RLLRENFSHA PSPDMSAASL SMLEQLMIAQ AQECIFKGLL LPASATPDIC PDQLQLAQEA AQVATEYGLV HRAMAQPPVR DYLPASWTNL AHVKAEHFCA LAHYHAAMAL CESHPAKGEL ARQEHVFQPS TPHEPLGPTL PQHPEDRRKL AKAHLKRAIL GQEEALRLHT LCRVLRKVDL LQVVVTQALR RSLAKYSQLE REDDFEATE APDIQPKTHQ TPEGPLSVFS TKNRWQLVGP VHMTRGEGSF GFTLRGDSPV LIAAVVPGGQ AESAGLKEGD YIVSVNGQPC KWWKHLEVVT QLRS MGEEGV SLQVVSLLPS PEPRGTGPRR AALLWNQREC GFETPMPTRT RPWPILGWSR KNKQGKTGSH PDPCTNRNCV TCP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different

Product Details

complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: RHPN1

Alternative Name: Rhpn1 ([RHPN1 Products](#))

Background: Rhophilin-1 (GTP-Rho-binding protein 1),FUNCTION: 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. {ECO:0000269|PubMed:8571126}.

Molecular Weight: 71.3 kDa

UniProt: [Q61085](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months