

Datasheet for ABIN7555319

RSPH4A Protein (AA 1-716) (His tag)



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Overview

Quantity:	1 mg
Target:	RSPH4A
Protein Characteristics:	AA 1-716
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSPH4A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RSPH4A Protein expressed in mammalian cells.
Sequence:	<p>MEDSTSPKQE KENQEELGET RRPWEGKTAA SPQYSEPESS EPLEAKQGPE TGRQSRSSRP</p> <p>WSPQSRAKTP LGGPAGPETS SPAPVSPREP SSSPSPLAPA RQDLAAPPQS DRTTSVIPEA</p> <p>GTPYPDPLEQ SSDKRESTPH HTSQSEGNTF QQSQQPKPHL CGRRDVSNN AKQKELRFDV</p> <p>FQEEDSNSDY DLQQPAPGGS EVAPSMLEIT IQNAKAYLLK TSSNSGFNLY DHLSNMLTKI</p> <p>LNERPENAVD IFENISQDVK MAHFSKKFDA LQENELLPT YEIAEKQKAL FLQGHLEGVD</p> <p>QELEDEIAEN ALPNVMESAF YFEQAGVGLG TDETYRIFLA LKQLTDTHPI QRCRFWGKIL</p> <p>GLEMNYIVAE VEFREGEDDEE EEEEEVAEE RDNGESEAHE DEEDELPSKF YKAPQAIKPE</p> <p>ESRTGANKYV YFVCNEPGRP WVKLPPVIPA QIVIARKIKK FFTGRLDAP ISYPPFPGNE</p> <p>SNYLRAQIAR ISAGTHVSPL GFYQFGEEEG EEEEEAEGR NSFEENPDFE GIQVIDLVES</p> <p>LSNWWHHVQH ILSQGRCNWF NSIQKNEEEE EEEDEEKDDSDYIEQEVGLP LLTPISEDLE</p> <p>IQNIPPWTTR LSSNLIPQYA IAVLQSNLWP GAYAFSNGKK FENFYIGWGH KYSPDNYTTP</p> <p>VPPPVYQEYP SGPEITEMDD PSVEEEQAFR AAQEAVLLAA ENEESEDED EEDDYD Sequence</p>

Product Details

without tag. The proposed Purification-Tag is based on experiences with the expression system, a different 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: RSPH4A

Alternative Name: RSPH4A ([RSPH4A Products](#))

Background: Radial spoke head protein 4 homolog A (Radial spoke head-like protein 3),FUNCTION: Component of the axonemal radial spoke head which plays an important role in ciliary motility (PubMed:19200523). Essential for triplet radial spokes (RS1, RS2 and RS3) head assembly in the motile cilia (By similarity). {ECO:0000250|UniProtKB:Q8BYM7, ECO:0000269|PubMed:19200523}.

Molecular Weight: 80.7 kDa

UniProt: [Q5TD94](#)

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