

Datasheet for ABIN7564466  
**RSPH4A Protein (AA 1-716) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RSPH4A
Protein Characteristics:	AA 1-716
Origin:	Mouse
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>MENSTSLKQE KENQEPGEAE RLWQGESDVS PQEPGPPSPE YREEEQRTDT EPAPRMSPSW            SHQSRVSLST GDLTAGPEVS SSPPPPPLQF HSTPLNTETT QDPVAASPTK KTANGIADTG            TPYSDPWESS SAAKQSTSHY TSHAEESTFP QSQTPQPDLC GLRDASRNKS KHKGLRFDLL            QEEGSDSNCD PDQPEVGASE AAQSMLEVAI QNAKAYLLST SSKSGLNLYD HLSKVLTKIL            DERPADAVDI IENISQDVKM AHFNKKLDTL HNEYEMLPAY EIAETQKALF LQGHLEGADS            ELEEEMAESS LPNVMESAYY FEQAGVGLGT DETYRVFLAL KQLTDTHPIQ RCRFWGKILG            LEMNYIVAEV EFRDGEDEEE VEEEGIAEER DNGGSEAGEE EEEELPKSLY KAPQVIPKEE            SRTGANKYVY FVCNVPGRP W VRLPSVTPAQ IVTARKIKKF FTGRLDAAVI SYPPFPGNES            NYLRAQIARI SAGTHVSPLG FYQFGEEEGE EEEVEGGRDS YEENPDFEGI QVIDLVESLS            NWWHHVQYIL PQGRCNWFNP IQKDEDEEEE EEEDEEKGEE PDYIEQEVGP PLLTPISEDL            GIQNIPSWTT QLSSNLIPQY AIAVLRSNLW PGAYAFSNGK KFENFYIGWG HKYCVENYTP            PSPPPVYQEY PSGPEITEMN DPSVEEEQAF RMTQEPVALS TEENEGTEDE DEDDED <b>Sequence</b></p>

## Product Details

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**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

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Target: RSPH4A

Alternative Name: Rsph4a ([RSPH4A Products](#))

Background: Radial spoke head protein 4 homolog A (Radial spoke head-like protein 3),FUNCTION: Functions as part of axonemal radial spoke complexes that play an important role in ciliary motility (PubMed:32203505, PubMed:34871179). Essential for triplet radial spokes (RS1, RS2 and RS3) head assembly in the motile cilia (PubMed:32203505). {ECO:0000269|PubMed:32203505, ECO:0000269|PubMed:34871179}.

Molecular Weight: 80.1 kDa

UniProt: [Q8BYM7](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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