

Datasheet for ABIN7561212  
**RSPH3B Protein (AA 1-389) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RSPH3B
Protein Characteristics:	AA 1-389
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSPH3B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Rsph3b Protein expressed in mammalian cells.
Sequence:	MTDRNPRTAE ASGLYTYSSR PRAVACQRRR HRDSILQPVE EPMSYGNIMY DRRVIRGNTY ALPTGQVPGQ PDPLELQRQQ QARRRALARK RAQEQLKPRT PEPVEGRKHV DIQTELYLEE IADRIVEVDM ECQTDAFLDR PPTPLFIPAK TGKDVATQIL GGELDFDLE VKPMLEVLVG KTIEQSLLEV MEEEELANLR ARQYAYEEIR NVELAEVQRL EEQERRHREE KERRKKQQWE IVHKRNETLQ KISALIFARQ YLANLLPSVF DKLRNSGFFY DPIERDIEVG FLPWLMNEVE KSMEHSMVGR TVLDMLIRDV VERRINDYEH KEAMPPGQKT NVINGPNTVT DPSVTTLHTQ KPVLDRVSSQ PAPSQERKPV EEGHLMAE <b>Sequence 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.</b>
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.

## Product Details

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### 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.

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### Purity:

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

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### Grade:

custom-made

## Target Details

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### Target:

RSPH3B

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### Alternative Name:

Rsph3b ([RSPH3B Products](#))

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### Background:

Radial spoke head protein 3 homolog B (A-kinase anchor protein RSPH3B) (Radial spoke head-like protein 2B),FUNCTION: Functions as part of axonemal radial spoke complexes that play an important part in the motility of sperm and cilia (PubMed:34871179). Functions as a protein kinase A-anchoring protein that scaffolds the cAMP-dependent protein kinase holoenzyme. May serve as a point of convergence for MAPK and PKA signaling in cilia (By similarity). {ECO:0000250|UniProtKB:Q86UC2, ECO:0000269|PubMed:34871179}.

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### Molecular Weight:

45.2 kDa

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### UniProt:

[Q9DA80](#)

## 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.

## Application Details

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Restrictions: For Research Use only

## Handling

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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