

Datasheet for ABIN7551601
RSPH3 Protein (AA 1-560) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RSPH3
Protein Characteristics:	AA 1-560
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSPH3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RSPH3 Protein expressed in mammalian cells.
Sequence:	MTVKPAKAAS LARNLAKRRR TYLGGAAGRS QEPEVPCAAV LPGKPGDRNC PEFPPPDRTL GCWATDAAPA AGLCGAGSEP SIAPTSCAGN LPSRPPPLLS PLLASRNPCP WHYHLHLSGSH NTLAPTCFKA KLHRKRGSQP PDMASALTDR TSRAPSTYTY TSRPRALPCQ RSRYRDSLQ PDEEPMHYGN IMYDRRVIRG NTYALQTGPL LGRPDSLELQ RQREARKRAL ARKQAQEQLR PQTPEPVEGR KHVVDVQTELY LEEIADRIIE VDMECQTDAF LDRPPTPLFI PAKTGKDVAT QILEGELFDF DLEV KPVLEV LVGKTIEQSL LEVMEEEELA NLRASQREYE ELRNSERA EV QRLEEQERRH REEKERRKKQ QWEIMHKHNE TSQKIAARAF AQRYLADLLP SVFGSLRDSG YFYDPIERDI EIGFLPWLMN EVEKTMEYSM VGRTVLDMLI REVVEKRLCM YEHGEDTHQS PEPEDPGGP GAMTESLEAS EFLEQSMSQT RELLLDGGYL QRTTYDRSS QERKFMEERE LLGQDEETAM RKSLGEEELS 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.

Product Details

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:	RSPH3
Alternative Name:	RSPH3 (RSPH3 Products)
Background:	Radial spoke head protein 3 homolog (A-kinase anchor protein RSPH3) (Radial spoke head-like protein 2),FUNCTION: Functions as part of axonemal radial spoke complexes that play an important part in the motility of sperm and cilia (By similarity). 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 (PubMed:19684019). {ECO:0000250 UniProtKB:Q9DA80, ECO:0000269 PubMed:19684019}.
Molecular Weight:	63.7 kDa
UniProt:	Q86UC2

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