

Datasheet for ABIN7559268

RSPH6A Protein (AA 1-708) (His tag)



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Overview

Quantity:	1 mg
Target:	RSPH6A
Protein Characteristics:	AA 1-708
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSPH6A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rsph6a Protein expressed in mammalian cells.
Sequence:	<p> MGEPPPNPDP SQTRRASQGS ERARSQEYSQ PLLTIPEDGL NRPPPQRGSR SSQGSQDLQG TGLPHWPQRS SLVPDVQGDE GTEYHQSMPL GYTPGFPMEF SQQGYLDDSR MMEQFPQGQD LLEQLESTYQ GSASGILGQL NLYPREDEIF SQDTQHGPYL RDDPSLHLRP SDLGFMPIVG EVPDPEPREL AIQNAKAYLL RTSMSCNLSL YEHLVNLLTK ILNQRPEDPL SILESINRTM QWEWFHPKLD TLRDDPEMQP TYEMAEKQKA LFIRGGGEGE QEMEEEVTDSPVPNIMETAF YFEQAGVGLS SDESFRIFLA LKQLVEQQPI HMCRFWGKIL GLSRSYLVAE VEFREGEEEG EEEEVEEMME GGEVLETHGE EEEGEDEEKV VDSVPPKPQWK PPPIPKES RSGTNKYLYF VCNEPGRPWT RLPHVTPAQI VCARKIKKFF TGFLDTPVIS YPPFPGNEAN YLRAQIARIS AATHISPLGF YQFGEEEGDE EEEGGAGRDS FEENPDFEGI PVLELVDSMA NNVHHTQHIL PQGRCTWVNP LQKTEEEEL GEEEEKADEA MEEVEQEVGP PLLTPLSEDA EIMHLSPWTT RLSCSLSPQY SVAIVRSNLW PGAYAYATGK KFENIYIGWG HKYSPENFNP MLPALIQQEY </p>

PSGPEITEMS DPTVEEEQAL KAAQEQALAA AEEEEEEDEEE EEEDELED **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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

RSPH6A

Alternative Name:

Rsph6a ([RSPH6A Products](#))

Background:

Radial spoke head protein 6 homolog A (Radial spoke head-like protein 1),FUNCTION: Functions as part of radial spoke complexes in the axoneme of sperm flagella that play an important part in motility (PubMed:36417862). The triple radial spokes (RS1, RS2 and RS3) are required to modulate beating of the sperm flagellum (PubMed:36417862, PubMed:30185526, PubMed:30239614). {ECO:0000269|PubMed:30185526, ECO:0000269|PubMed:30239614, ECO:0000269|PubMed:36417862}.

Molecular Weight:

80.2 kDa

UniProt:

[Q8CDR2](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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

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