

Datasheet for ABIN7561191
RSPH9 Protein (AA 1-276) (His tag)



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Overview

Quantity:	1 mg
Target:	RSPH9
Protein Characteristics:	AA 1-276
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSPH9 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rsph9 Protein expressed in mammalien cells.
Sequence:	MDADSLLLSL ELASGSGQGL SPDRRASLLT SLMLVKRDYR FARVLFWGRI LGLVADYYIA QGLSEDQLAP RKTLYSLNCT EWSLLPPATE EMAMQISVVS GRFMGDP SHE YEHTELQKVN EGEKVFDEEV VVQIKEETRL VSIIDQIDKA VAIIPRGALF KTPFGVTHVN RTFEGPLPSE VRKLSSYFHF REIDLKKNKT LLEKSDLEPS LDFLDSLEYD IPRGWSIQM ERGNALVVLR SLLWPGLTFY HAPRTKNYGY IYVGTGEKNM DLPFML 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	RSPH9
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Alternative Name:	Rsph9 (RSPH9 Products)
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Background:	Radial spoke head protein 9 homolog,FUNCTION: Functions as part of axonemal radial spoke complexes that play an important part in the motility of sperm and cilia (PubMed:30383886, PubMed:36417862, PubMed:34871179). Essential for both the radial spoke head assembly and the central pair microtubule stability in ependymal motile cilia (PubMed:30383886). Required for motility of olfactory and neural cilia and for the structural integrity of ciliary axonemes in both 9+0 and 9+2 motile cilia (By similarity). {ECO:0000250 UniProtKB:Q5TYW6, ECO:0000269 PubMed:30383886, ECO:0000269 PubMed:34871179, ECO:0000269 PubMed:36417862}.
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Molecular Weight:	31.3 kDa
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UniProt:	Q9D9V4
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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
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Application Details

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