

Datasheet for ABIN7551200  
**RSPH10B2 Protein (AA 1-870) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RSPH10B2
Protein Characteristics:	AA 1-870
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSPH10B2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant RSPH10B2 Protein expressed in mammalian cells.
Sequence:	MVKEKKKADK KGEKSARSPS SLSDNLDFSK QDGNTTRQEM SPAGVPLLGM QLNEVKPKKD RQNVQQNEDA SQYEESILTK LIVESYEGEK VRGLYEGEGF AAFQGGCTYR GMFSEGLMHG QGTYIWADGL KYEGDFVKNV PMNHGVYVWTP DGSMYEGEVV NGMRNGFGMF KCSTQPVS YI GHWCNKGRHG KGSIIYNQEG TCWYEGDWVQ NIKKGGWIRG YKSGNIYEGQ WEDNMRHGEG RMRWLTNTEE YTGRWERGIQ NGFGTHTWFL KRIRSSQYPL RNEYIGEFVN GYRHGRGKFY YASGAMYDGE WWSNKKHGMG RLTFKNGRVY EGAFSNDHIA GFPDLEVEFI SCLDLSSGVA PRLSRSAELI RKLDGSESHS VLGSSIELDL NLLLDMPET VQPEEKKQVE YAVLRNITEL RRIYSFYSSL GCGHSLDNTF LMTKLHFWRF LKDCFKFHKK LTLADMDRIL SANNDIPVEE IHSPFTTILL RTFLNYLLHL AYHIYHEEFQ KRSPSLFLCF TKLMTENIRP NACQIKGNLF REQQRTLYSM SYMNKCWEIY LAYCRPSAAP PHEPTMKMRH FLWMLKDFKM INKELTAATF MEVIAEDNRF IYDGIDSNFE PELVFLEFFE ALLSFAFICV TDQMTKSYTN VPADDVSGNK HETIYTILNQ DAQNKSPSAV MSHESDAAHS DSARSSSSKL ELSPDVNKIR KSEPKIKKSV

## Product Details

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SHERVSKMNF KLTGKGITFF SSESKKYERP KDDREEEFNT WVNNTYVFFV NTLFHAYKRE  
EAIKEKIRAD RLRSTAQAQQ RKMEDDELEA RLNIFILREE EAKRHDYEVD ITVLKEPADV  
SSSHLILDPP KEDVTVSPSS KTITSKKKKK **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.**

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: RSPH10B2

Alternative Name: RSPH10B2 ([RSPH10B2 Products](#))

Background: Radial spoke head 10 homolog B2,FUNCTION: May function as part of the axonemal radial spoke complex 3 (RS3). Radial spoke complexes are important for ciliary motility.  
{ECO:0000250|UniProtKB:E9PYQ0}.

Molecular Weight: 100.5 kDa

## Target Details

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UniProt: [B2RC85](#)

## 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.

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