

Product datasheet for PH315886

RSPH6A (NM_030785) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RSPH6A MS Standard C13 and N15-labeled recombinant protein (NP_110412)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215886
Predicted MW:	80.7 kDa
Protein Sequence:	>RC215886 representing NM_030785 Red =Cloning site Green =Tags(s)

MGDLPPYPERPAQQPPGRRTSQASQRRHSRDQAQALAADPEERQQIPDAQRNAPGWSQRGSLSQQENLL
 MPQVFQAEEARLGMEYPSVNTGFPSEFQPPYSDESRMQVAELTSLMLQRLQQGQSSLFQQLDPTFQE
 PPVNPPLGQFNLYQTDQFSEGAQHGPYIRDDPALQFLPSELGFPHYSAQVPEPELELAVQNAKAYLLQTS
 INCDLSLYEHLVNLLTKILNQRPEPLSVLESLNRTTQWEWHPKLDLTDPEMQPTYKMAEKQKALFT
 RSGGGTEGEQEMEEVGETPVPNIMETAFYFEQAGVGLSSDESFRIFLAMKQLVEQQPIHTCRFWGKILG
 IKRSYLVAEVEFREGEAAEEEEVEEMTEGGEVMEAHGEEEGEEDDEKAVDIVPKSVWKPPVIPKEESR
 SGANKYLYFVCNEPGLPWTRLPHVTPAQIVNARKIKKFFTGYPDTPVVSYPFPGNEANYLRAQIARISA
 ATQVSPLGFYQFSEEGDEEEEGGAGRDSYEENPDFEGIPVLELVDSMANVWVHTQHILPQGRCTWVNP
 QKTEEEEDLGEEEKADEGPVEVEQEVGPPLLTPLSEDAEIMHLAPWTRLSCSLCPQYSVAVVRSNLWP
 GAYAYASGKKFENIYIGWGHKYSPEFNPALPAPIQQEYPSGPEIMEMSDPTVEEQALKAAQEALGAT
 EEEEEEEEEEGEETDD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

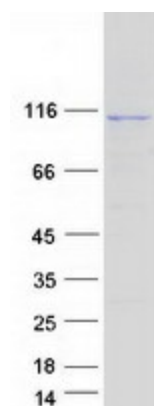
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_110412</u>


[View online »](#)

RefSeq Size:	2477
RefSeq ORF:	2151
Synonyms:	RSHL1; RSP4; RSP6; RSPH4B
Locus ID:	81492
UniProt ID:	Q9H0K4
Cytogenetics:	19q13.32

Summary: The protein encoded by this gene is similar to a sea urchin radial spoke head protein. Radial spoke protein complexes form part of the axoneme of eukaryotic flagella and are located between the axoneme's outer ring of doublet microtubules and central pair of microtubules. In *Chlamydomonas*, radial spoke proteins are thought to regulate the activity of dynein and the symmetry of flagellar bending patterns. This gene maps to a region of chromosome 19 that is linked to primary ciliary dyskinesia-2 (CILD2). [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified RSPH6A protein (Cat# [TP315886]). The protein was produced from HEK293T cells transfected with RSPH6A cDNA clone (Cat# [RC215886]) using MegaTran 2.0 (Cat# [TT210002]).