Recombinant Human RSPH6A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RSPH6A-2734H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RSPH6A MS Standard C13 and N15-labeled recombinant protein (NP_110412) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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).
Molecular Mass	80.7 kDa
AA Sequence	MGDLPPYPERPAQQPPGRRTSQASQRRHSRDQAQALAADPEERQQIPPDAQRNA PGWSQRGSLSQQENLLMPQVFQAEEARLGGMEYPSVNTGFPSEFQPQPYSDESR MQVAELTTSLMLQRLQQGQSSLFQQLDPTFQEPPVNPLGQFNLYQTDQFSEGAQH GPYIRDDPALQFLPSELGFPHYSAQVPEPEPLELAVQNAKAYLLQTSINCDLSLYEHL VNLLTKILNQRPEDPLSVLESLNRTTQWEWFHPKLDTLRDDPEMQPTYKMAEKQKA LFTRSGGGTEGEQEMEEEVGETPVPNIMETAFYFEQAGVGLSSDESFRIFLAMKQL

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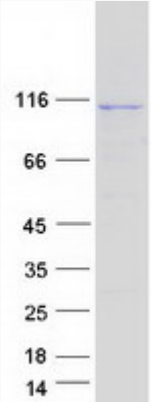
	VEQQPIHTCRFWGKILGIKRSYLVAEVEFREGEEEAEEEEVEEMTEGGEVMEAHGE EEGEEDEEKAVDIVPKSVWKPPPVIPKEESRSGANKYLYFVCNEPGLPWTRLPHVT PAQIVNARKIKKFFTGYLDTPVVSYPPFPGNEANYLRAQIARISAATQVSPLGFYQFS EEEGDEEEEGGAGRDSYEENPDFEGIPVLELVDSMANWVHHTQHILPQGRCTWVN PLQKTEEEEDLGEEEEKADEGPEEVEQEVGPPLLTPLSEDAEIMHLAPWTTRLSCSL CPQYSVAVVRSNLWPGAYAYASGKKFENIYIGWGHKYSPESFNPALPAPIQQEYPS GPEIMEMSDPTVEEEQALKAAQEQALGATEEEEEGEEEEEGEETDDTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RSPH6A radial spoke head 6 homolog A [Homo sapiens (human)]
Official Symbol	RSPH6A
Synonyms	RSPH6A; radial spoke head 6 homolog A; RSP4; RSP6; RSHL1; RSPH4B; radial spoke head protein 6 homolog A; ortholog of mouse radial spokehead-like 1; radial spoke head-like protein 1; radial spokehead-like 1
Gene ID	81492

mRNA Refseq	NM_030785
Protein Refseq	NP_110412
MIM	607548
UniProt ID	Q9H0K4
SDS-PAGE	

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