

Recombinant Human RSPH1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RSPH1-5352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RSPH1 MS Standard C13 and N15-labeled recombinant protein (NP_543136) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a male meiotic metaphase chromosome-associated acidic protein. This gene is expressed in tissues with motile cilia or flagella, including the trachea, lungs, airway brushings, and testes. Mutations in this gene result in primary ciliary dyskinesia-24. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	35.1 kDa
AA Sequence	MSDLGSEEELEEGENDIGEYEGGRNEAGERHGRGRARLPNGDTYEGSYEFGKRH GQGIYKFKNGARYIGEYVRNKKHGQGTFIYPDGSRYEGEWANDLRHGHGVYYYINN DTYTGEWFQAHQRHGGQTYLYAETGSKYVGTWVNGQQEGTAEIHLNHRYPGKFLN KNPVGPGKYVFDVGCEQHGEYRLTDMERGESEEEEEELVTVVPKWKATQITELALW TPTLPKPTSTDGPGQDAPGAESAGEPGEEAQALLEGFEGEMDMRPGDEDADVLR EESREYDQEEFRYDMDEGNINSEEEETRQSDLQDTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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	RSPH1 radial spoke head component 1 [Homo sapiens (human)]
Official Symbol	RSPH1
Synonyms	RSPH1; radial spoke head 1 homolog (Chlamydomonas); testis specific A2 homolog (mouse), TSGA2; radial spoke head 1 homolog; FLJ32753; meichroacidin; RSP44; RSPH10A; CT79; h-meichroacidin; cancer/testis antigen 79; testes specific A2 homolog; testis specific A2 homolog; testes specific gene A2 homolog; testis-specific gene A2 protein; male meiotic metaphase chromosome-associated acidic protein; TSA2; TSGA2; MGC126568; MGC141927;
Gene ID	89765
mRNA Refseq	NM_080860
Protein Refseq	NP_543136
MIM	609314
UniProt ID	Q8WYR4

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