

Product datasheet for **RC223494L3V**

RSPH4A (NM_001010892) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RSPH4A (NM_001010892) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RSPH4A
Synonyms:	CILD11; dj412i7.1; RSHL3; RSPH6B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001010892
ORF Size:	2148 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223494).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001010892.1
RefSeq Size:	2825 bp
RefSeq ORF:	2151 bp
Locus ID:	345895
UniProt ID:	Q5TD94
Cytogenetics:	6q22.1
MW:	80.6 kDa



[View online »](#)

Gene Summary:

This gene encodes a protein that appears to be a component the radial spoke head, as determined by homology to similar proteins in the biflagellate alga *Chlamydomonas reinhardtii* and other ciliates. Radial spokes, which are regularly spaced along cilia, sperm, and flagella axonemes, consist of a thin 'stalk' and a bulbous 'head' that form a signal transduction scaffold between the central pair of microtubules and dynein. Mutations in this gene cause primary ciliary dyskinesia 1, a disease arising from dysmotility of motile cilia and sperm. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]