

Product datasheet for **RC231446L4V**

HYDIN (NM_001198543) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HYDIN (NM_001198543) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HYDIN
Synonyms:	CILD5; HYDIN1; HYDIN2; PPP1R31
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001198543
ORF Size:	2820 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC231446).
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_001198543.1 , NP_001185472.1
RefSeq ORF:	2823 bp
Locus ID:	54768
UniProt ID:	Q4G0P3
Cytogenetics:	16q22.2
MW:	105.8 kDa


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Gene Summary:

This gene encodes a protein that may be involved in cilia motility. Mutations in this gene cause of autosomal recessive primary ciliary dyskinesia-5, a disorder characterized by the accumulation of cerebrospinal fluid within the ventricles of the brain. A duplicate copy of this gene has been found in humans on chromosome 1. [provided by RefSeq, Jan 2013]