

## Product datasheet for **RC228552L4V**

### DDHD2 (NM\_001164232) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DDHD2 (NM_001164232) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DDHD2
Synonyms:	iPLA(1)gamma; iPLA1gamma; SAMWD1; SPG54
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164232
ORF Size:	2133 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228552).
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. <a href="#">More info</a>
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:	<a href="#">NM_001164232.1</a> , <a href="#">NP_001157704.1</a>
RefSeq ORF:	2136 bp
Locus ID:	23259
UniProt ID:	<a href="#">O94830</a>
Cytogenetics:	8p11.23
MW:	80.9 kDa


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**Gene Summary:**

This gene encodes a phospholipase enzyme containing sterile-alpha-motif (SAM), WWE, and DDHD domains. This protein participates in membrane trafficking between the endoplasmic reticulum and the Golgi body. Mutations in this gene can cause autosomal recessive spastic paraplegia 54. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]