

Product datasheet for **RC224466L4V**

DIAPH2 (NM_007309) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DIAPH2 (NM_007309) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DIAPH2
Synonyms:	DIA; DIA2; DRF2; POF; POF2; POF2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007309
ORF Size:	3288 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224466).
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_007309.3 , NP_009293.1
RefSeq Size:	3782 bp
RefSeq ORF:	3291 bp
Locus ID:	1730
UniProt ID:	O60879
Cytogenetics:	Xq21.33
Domains:	FH2
Protein Families:	Druggable Genome


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Protein Pathways: Regulation of actin cytoskeleton

MW: 124.8 kDa

Gene Summary: The product of this gene belongs to the diaphanous subfamily of the formin homology family of proteins. This gene may play a role in the development and normal function of the ovaries. Defects in this gene have been linked to premature ovarian failure 2. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]