

Product datasheet for **RC221432L2V**

DIAPH3 (NM_001042517) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DIAPH3 (NM_001042517) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DIAPH3
Synonyms:	AN; AUNA1; DIA2; diap3; DRF3; mDia2; NSDAN
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001042517
ORF Size:	3579 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221432).
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_001042517.1 , NP_001035982.1
RefSeq Size:	4812 bp
RefSeq ORF:	3582 bp
Locus ID:	81624
UniProt ID:	Q9NSV4
Cytogenetics:	13q21.2
Protein Pathways:	Regulation of actin cytoskeleton
MW:	136.7 kDa



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Gene Summary:

This gene encodes a member of the diaphanous subfamily of the formin family. Members of this family are involved in actin remodeling and regulate cell movement and adhesion. Mutations in this gene are associated with autosomal dominant auditory neuropathy 1. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]