

## Product datasheet for **RC223888L4V**

### DPH3 (NM\_001047434) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DPH3 (NM_001047434) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DPH3
Synonyms:	DELGIP; DELGIP1; DESR1; DPH3A; KTI11; ZCSL2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001047434
ORF Size:	171 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223888).
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_001047434.2</a>
RefSeq Size:	3990 bp
RefSeq ORF:	174 bp
Locus ID:	285381
UniProt ID:	<a href="#">Q96FX2</a>
Cytogenetics:	3p25.1
MW:	6.5 kDa



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**Gene Summary:**

This gene encodes a CSL zinc finger-containing protein that is required for diphthamide biosynthesis. The encoded protein is necessary for the initial step in the modification of a histidine residue in elongation factor-2 to diphthamide. This modified residue is a target for ADP ribosylation by the bacterial toxins diphtheria toxin and Pseudomonas exotoxin A. Alternative splicing results in multiple transcript variants that encode the same isoform. [provided by RefSeq, Feb 2009]