

## Product datasheet for **RC212649L3V**

### FGD3 (NM\_001083536) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	FGD3 (NM_001083536) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FGD3
Synonyms:	ZFYVE5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001083536
ORF Size:	2175 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212649).
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_001083536.1</a>
RefSeq Size:	3470 bp
RefSeq ORF:	2178 bp
Locus ID:	89846
UniProt ID:	<a href="#">Q5JSP0</a>
Cytogenetics:	9q22.31
Protein Pathways:	Regulation of actin cytoskeleton
MW:	79.4 kDa



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**Gene Summary:**

Promotes the formation of filopodia. May activate CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. Plays a role in regulating the actin cytoskeleton and cell shape (By similarity).[UniProtKB/Swiss-Prot Function]