

## Product datasheet for **RC222189L4V**

### FLAD1 (NM\_025207) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	FLAD1 (NM_025207) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FLAD1
Synonyms:	FAD1; FADS; LSMFLAD; PP591
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025207
ORF Size:	1761 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222189).
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_025207.3</a>
RefSeq Size:	2218 bp
RefSeq ORF:	1764 bp
Locus ID:	80308
UniProt ID:	<a href="#">Q8NFF5</a>
Cytogenetics:	1q21.3
Domains:	MoCF_biosynth
Protein Pathways:	Metabolic pathways, Riboflavin metabolism



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**MW:** 65.1 kDa

**Gene Summary:** This gene encodes the enzyme that catalyzes adenylation of flavin mononucleotide (FMN) to form flavin adenine dinucleotide (FAD) coenzyme. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]