

Product datasheet for **RC201392L2V**

FDFT1 (NM_004462) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FDFT1 (NM_004462) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FDFT1
Synonyms:	DGPT; ERG9; SQS; SQSD; SS
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004462
ORF Size:	1251 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201392).
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_004462.3
RefSeq Size:	2192 bp
RefSeq ORF:	1254 bp
Locus ID:	2222
UniProt ID:	P37268
Cytogenetics:	8p23.1
Domains:	SQS_PSY
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Steroid biosynthesis

MW: 48.1 kDa

Gene Summary: This gene encodes a membrane-associated enzyme located at a branch point in the mevalonate pathway. The encoded protein is the first specific enzyme in cholesterol biosynthesis, catalyzing the dimerization of two molecules of farnesyl diphosphate in a two-step reaction to form squalene. [provided by RefSeq, Jul 2008]