

Product datasheet for **MR220952L4V**

Fads3 (NM_021890) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fads3 (NM_021890) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fads3
Synonyms:	AI464531
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021890
ORF Size:	1347 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220952).
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_021890.3 , NP_068690.3
RefSeq Size:	3269 bp
RefSeq ORF:	1350 bp
Locus ID:	60527
UniProt ID:	Q9JIE7
Cytogenetics:	19 A



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Gene Summary:

Acts as a methyl-end fatty acyl coenzyme A (CoA) desaturase that introduces a cis double bond between the preexisting double bond and the terminal methyl group of the fatty acyl chain. Desaturates (11E)-octadecenoate (trans-vaccenoate) at carbon 13 to generate (11E,13Z)-octadecadienoate, likely participating in the biohydrogenation pathway of linoleic acid (LA) (18:2n-6).[UniProtKB/Swiss-Prot Function]