

Product datasheet for **RC227145L4V**

OXSM (NM_001145391) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OXSM (NM_001145391) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OXSM
Synonyms:	CEM1; FASN2D; KASI; KS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145391
ORF Size:	1128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227145).
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_001145391.1 , NP_001138863.1
RefSeq ORF:	1131 bp
Locus ID:	54995
UniProt ID:	Q9NWU1
Cytogenetics:	3p24.2
Protein Families:	Druggable Genome
Protein Pathways:	Fatty acid biosynthesis, Metabolic pathways
MW:	39.9 kDa



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Gene Summary:

This gene encodes a beta-ketoacyl synthetase. The encoded enzyme is required for elongation of fatty acid chains in the mitochondria. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2009]