

## Product datasheet for **RC224071L4V**

### **HMGCS1 (NM\_001098272) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	HMGCS1 (NM_001098272) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HMGCS1
Synonyms:	HMGCS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001098272
ORF Size:	1560 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224071).
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_001098272.1</a>
RefSeq Size:	5450 bp
RefSeq ORF:	1563 bp
Locus ID:	3157
UniProt ID:	<a href="#">Q01581</a>
Cytogenetics:	5p12
Protein Families:	Druggable Genome



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**Protein Pathways:** Butanoate metabolism, Metabolic pathways, Synthesis and degradation of ketone bodies, Terpenoid backbone biosynthesis, Valine, leucine and isoleucine degradation

**MW:** 57.3 kDa

**Gene Summary:** This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.[UniProtKB/Swiss-Prot Function]