

Product datasheet for **RC213077L3V**

OXCT2 (NM_022120) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OXCT2 (NM_022120) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OXCT2
Synonyms:	FKSG25; SCOTT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022120
ORF Size:	1551 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213077).
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_022120.1 , NP_071403.1
RefSeq Size:	1824 bp
RefSeq ORF:	1554 bp
Locus ID:	64064
UniProt ID:	Q9BYC2
Cytogenetics:	1p34.2
Protein Pathways:	Butanoate metabolism, Synthesis and degradation of ketone bodies, Valine, leucine and isoleucine degradation



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MW: 56 kDa

Gene Summary: The protein encoded by this gene catalyzes the transfer of a CoA group from succinate to acetoacetate and is an important enzyme in ketone body catabolism. The encoded protein localizes to the mitochondrion. This gene is intronless, and a pseudogene of this gene is located elsewhere on chromosome 1. [provided by RefSeq, Aug 2016]