

Product datasheet for **RR202427L3V**

Oxct1 (NM_001127580) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Oxct1 (NM_001127580) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Oxct1
Synonyms:	SCOT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001127580
ORF Size:	1560 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202427).
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_001127580.1 , NP_001121052.1
RefSeq Size:	3334 bp
RefSeq ORF:	1563 bp
Locus ID:	690163
UniProt ID:	B2GV06
Cytogenetics:	2q16



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Gene Summary:

Key enzyme for ketone body catabolism. Transfers the CoA moiety from succinate to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate (By similarity).
[UniProtKB/Swiss-Prot Function]