

## Product datasheet for **RC200967L2V**

### **DHTKD1 (NM\_018706) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	DHTKD1 (NM_018706) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DHTKD1
Synonyms:	AAKAD; AMOXAD; CMT2Q
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_018706
ORF Size:	2757 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200967).
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_018706.4</a>
RefSeq Size:	5162 bp
RefSeq ORF:	2760 bp
Locus ID:	55526
UniProt ID:	<a href="#">Q96HY7</a>
Cytogenetics:	10p14
Domains:	E1_dehydrog, transket_pyr
MW:	102.9 kDa



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**Gene Summary:**

This gene encodes a component of a mitochondrial 2-oxoglutarate-dehydrogenase-complex-like protein involved in the degradation pathways of several amino acids, including lysine. Mutations in this gene are associated with 2-aminoadipic 2-oxoadipic aciduria and Charcot-Marie-Tooth Disease Type 2Q. [provided by RefSeq, May 2013]