

## Product datasheet for **RC208997L3V**

### **C5ORF33 (NADK2) (NM\_153013) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	C5ORF33 (NADK2) (NM_153013) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C5ORF33
Synonyms:	C5orf33; DECRD; MNADK; NADKD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_153013
ORF Size:	837 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208997).
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_153013.2</a>
RefSeq Size:	3781 bp
RefSeq ORF:	840 bp
Locus ID:	133686
UniProt ID:	<a href="#">Q4G0N4</a>
Cytogenetics:	5p13.2
MW:	31.7 kDa



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**Gene Summary:**

This gene encodes a mitochondrial kinase that catalyzes the phosphorylation of NAD to yield NADP. Mutations in this gene result in 2,4-dienoyl-CoA reductase deficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]