

## Product datasheet for **RC201457L1V**

### **ADCK3 (COQ8A) (NM\_020247) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	ADCK3 (COQ8A) (NM_020247) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADCK3
Synonyms:	ADCK3; ARCA2; CABC1; COQ8; COQ10D4; SCAR9
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_020247
ORF Size:	1941 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201457).
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_020247.4</a>
RefSeq Size:	2932 bp
RefSeq ORF:	1944 bp
Locus ID:	56997
UniProt ID:	<a href="#">Q8NI60</a>
Cytogenetics:	1q42.13
Domains:	ABC1
Protein Families:	Protein Kinase



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**MW:** 72 kDa

**Gene Summary:** This gene encodes a mitochondrial protein similar to yeast ABC1, which functions in an electron-transferring membrane protein complex in the respiratory chain. It is not related to the family of ABC transporter proteins. Expression of this gene is induced by the tumor suppressor p53 and in response to DNA damage, and inhibiting its expression partially suppresses p53-induced apoptosis. Alternatively spliced transcript variants have been found; however, their full-length nature has not been determined. [provided by RefSeq, Jul 2008]