

## Product datasheet for **RC208927L3V**

### COA1 (NM\_018224) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	COA1 (NM_018224) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COA1
Synonyms:	C7orf44; MITRAC15
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018224
ORF Size:	438 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208927).
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_018224.1</a>
RefSeq Size:	927 bp
RefSeq ORF:	441 bp
Locus ID:	55744
UniProt ID:	<a href="#">Q9GZY4</a>
Cytogenetics:	7p13
Protein Families:	Transmembrane
MW:	16.7 kDa



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**Gene Summary:**

Component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly. MITRAC complexes regulate both translation of mitochondrial encoded components and assembly of nuclear-encoded components imported in mitochondrion. Required for assembly of mitochondrial respiratory chain complex I and complex IV.[UniProtKB/Swiss-Prot Function]