

## Product datasheet for **RC205116L3V**

### **C9orf41 (CARNMT1) (NM\_152420) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	C9orf41 (CARNMT1) (NM_152420) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C9orf41
Synonyms:	C9orf41; UPF0586
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_152420
ORF Size:	1227 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205116).
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_152420.1</a>
RefSeq Size:	2219 bp
RefSeq ORF:	1230 bp
Locus ID:	138199
UniProt ID:	<a href="#">Q8N4J0</a>
Cytogenetics:	9q21.13
MW:	47.2 kDa



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**Gene Summary:**

The protein encoded by this gene is a methyltransferase that converts carnosine to anserine, a dipeptide found abundantly in skeletal muscle. The encoded protein can methylate other dipeptides as well. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]