

## Product datasheet for **RC212253L2V**

### **MUSK (NM\_005592) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MUSK (NM_005592) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MUSK
Synonyms:	CMS9; FADS; FADS1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005592
ORF Size:	2607 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212253).
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_005592.1</a>
RefSeq Size:	2666 bp
RefSeq ORF:	2610 bp
Locus ID:	4593
UniProt ID:	<a href="#">O15146</a>
Cytogenetics:	9q31.3
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
MW:	96.9 kDa



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**Gene Summary:**

This gene encodes a muscle-specific tyrosine kinase receptor. The encoded protein may play a role in clustering of the acetylcholine receptor in the postsynaptic neuromuscular junction. Mutations in this gene have been associated with congenital myasthenic syndrome. Alternatively spliced transcript variants have been described.[provided by RefSeq, Oct 2009]