

## Product datasheet for **RC212995L4V**

### **MMS22L (C6ORF167) (MMS22L) (NM\_198468) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MMS22L (C6ORF167) (MMS22L) (NM_198468) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MMS22L (C6ORF167)
Synonyms:	C6orf167; dj39B17.2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198468
ORF Size:	3729 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212995).
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_198468.1</a>
RefSeq Size:	4269 bp
RefSeq ORF:	3732 bp
Locus ID:	253714
UniProt ID:	<a href="#">Q6ZRQ5</a>
Cytogenetics:	6q16.1
MW:	142.1 kDa



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**Gene Summary:**

The protein encoded by this gene forms a complex with tonsoku-like, DNA repair protein (TONSL), and this complex recognizes and repairs DNA double-strand breaks at sites of stalled or collapsed replication forks. The encoded protein also can bind with the histone-associated protein NFKBIL2 to help regulate the chromatin state at stalled replication forks. Finally, this gene appears to be overexpressed in most lung and esophageal cancers. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2017]