

## Product datasheet for RC218068L3V

## OriGene Technologies, Inc.

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## CTAGE5 (MIA2) (NM\_203356) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** CTAGE5 (MIA2) (NM\_203356) Human Tagged ORF Clone Lentiviral Particle

Symbol: MIA2

Synonyms: CTAGE5; MEA6; MGEA; MGEA6; MGEA11; TALI

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag:Myc-DDKACCN:NM\_203356

ORF Size: 2325 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC218068).

OTI Disclaimer:

Sequence:

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. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeg:** NM 203356.2, NP 976231.1

 RefSeq Size:
 3511 bp

 RefSeq ORF:
 2328 bp

 Locus ID:
 4253

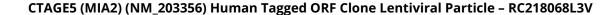
 UniProt ID:
 Q96PC5

 Cytogenetics:
 14q21.1

**Protein Families:** Transmembrane

MW: 87.8 kDa







## **Gene Summary:**

This gene encodes s receptor in the endoplasmic reticulum, which plays a role in the export of large pre-chylomicrons and pre-very low density lipoproteins (pre-VLDLs). Three major classes of transcripts are generated from this gene- melanoma inhibitory activity 2-specific transcripts, cTAGE family member 5-specific transcripts and transcripts that include exons from both these transcript species (TANGO1-like or TALI). Additionally, alternative splicing in these transcripts results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Sep 2016]