

Product datasheet for **MR209238L3V**

Miga2 (NM_175392) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Miga2
Synonyms:	5730472N09Rik; AA408683; AI790341; C9orf54; Fam73b; R74766
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_175392
ORF Size:	1779 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR209238).

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. [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.

RefSeq: [NM_175392.3](#), [NP_780601.1](#)

RefSeq Size: 3584 bp

RefSeq ORF: 1782 bp

Locus ID: 108958

UniProt ID: [Q8BK03](#)

Cytogenetics: 2 B



Gene Summary:

Regulator of mitochondrial fusion (PubMed:26711011). Acts by forming homo- and heterodimers at the mitochondrial outer membrane and facilitating the formation of PLD6/MitoPLD dimers. May act by regulating phospholipid metabolism via PLD6/MitoPLD (By similarity).
[UniProtKB/Swiss-Prot Function]