

Product datasheet for **MR209304L4V**

Migal (NM_174868) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Migal
Synonyms:	A930038D06; AI852168; C030011O14Rik; Fam73a; Mital
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_174868
ORF Size:	1800 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR209304).

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_174868.3 , NP_777357.2
RefSeq Size:	5355 bp
RefSeq ORF:	1803 bp
Locus ID:	215708
UniProt ID:	Q4QQM5
Cytogenetics:	3 H3



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]