

Product datasheet for **MR206372L4V**

Doc2a (NM_010069) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Doc2a (NM_010069) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Doc2a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010069
ORF Size:	1215 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206372).
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_010069.1 , NP_034199.1
RefSeq Size:	2557 bp
RefSeq ORF:	1218 bp
Locus ID:	13446
UniProt ID:	Q7TNF0
Cytogenetics:	7 F3



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Gene Summary:

Calcium sensor which most probably regulates fusion of vesicles with membranes. Binds calcium and phospholipids. May be involved in calcium dependent neurotransmitter release through the interaction with UNC13A. May be involved in calcium-dependent spontaneous release of neurotransmitter in absence of action potentials in neuronal cells. Regulates Ca(2+)-dependent secretory lysosome exocytosis in mast cells.[UniProtKB/Swiss-Prot Function]