

Product datasheet for **MR203837L4V**

Mgarp (NM_026358) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mgarp (NM_026358) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mgarp
Synonyms:	4930583H14Rik; AI195347; CESP-1; HUMMR; Osap; Qsap
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026358
ORF Size:	852 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203837).
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_026358.1
RefSeq Size:	1245 bp
RefSeq ORF:	852 bp
Locus ID:	67749
UniProt ID:	Q8VI64
Cytogenetics:	3 C



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Gene Summary:

Plays a role in the trafficking of mitochondria along microtubules. Regulates the kinesin-mediated axonal transport of mitochondria to nerve terminals along microtubules during hypoxia. Participates in the translocation of TRAK2/GRIF1 from the cytoplasm to the mitochondrion. Also plays a role in steroidogenesis through maintenance of mitochondrial abundance and morphology.[UniProtKB/Swiss-Prot Function]