

## Product datasheet for **MR202045L4V**

### Rab9 (NM\_019773) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Rab9 (NM_019773) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rab9
Synonyms:	2410064E05Rik; AI195561; Rab9a; Sid6061p
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019773
ORF Size:	606 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202045).
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. <a href="#">More info</a>
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:	<a href="#">NM_019773.1</a>
RefSeq Size:	1448 bp
RefSeq ORF:	606 bp
Locus ID:	56382
UniProt ID:	<a href="#">Q9R0M6</a>
Cytogenetics:	X F5



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**Gene Summary:**

Involved in the transport of proteins between the endosomes and the trans-Golgi network (By similarity). Involved in the recruitment of SGSM2 to melanosomes and is required for the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes (PubMed:26620560).[UniProtKB/Swiss-Prot Function]