

Product datasheet for **MR220587L4V**

Rab34 (NM_033475) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rab34 (NM_033475) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rab34
Synonyms:	AI326479; Narr; Rah; Rah1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033475
ORF Size:	777 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220587).
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_033475.3 , NP_258436.2
RefSeq Size:	1721 bp
RefSeq ORF:	780 bp
Locus ID:	19376
UniProt ID:	Q64008
Cytogenetics:	11 46.74 cM



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Gene Summary:

Protein transport. Plays a role in the maturation of phagosomes that engulf pathogens, such as *S.aureus* and *Mycobacterium*. Plays a role in the fusion of phagosomes with lysosomes (By similarity). Involved in the redistribution of lysosomes to the peri-Golgi region (PubMed:12475955). Acts also as a positive regulator of hedgehog signaling and regulates ciliary function (PubMed:29290584).[UniProtKB/Swiss-Prot Function]