

## Product datasheet for **MR201880L4V**

### Rab22a (NM\_024436) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Rab22a (NM_024436) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rab22a
Synonyms:	3732413A17Rik; AI662177; AW319644; AW550514; E130120E14Rik; Rab22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024436
ORF Size:	585 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201880).
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_024436.1</a>
RefSeq Size:	1909 bp
RefSeq ORF:	585 bp
Locus ID:	19334
UniProt ID:	<a href="#">P35285</a>
Cytogenetics:	2 97.26 cM



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**Gene Summary:**

Plays a role in endocytosis and intracellular protein transport (PubMed:19759177, PubMed:27718357). Mediates trafficking of TF from early endosomes to recycling endosomes. Required for NGF-mediated endocytosis of NTRK1, and subsequent neurite outgrowth. Binds GTP and GDP and has low GTPase activity. Alternates between a GTP-bound active form and a GDP-bound inactive form (By similarity).[UniProtKB/Swiss-Prot Function]