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# Product datasheet for MR202531L3V

## Rab27a (NM_023635) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Rab27a (NM_023635) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Rab27a |
| **Synonyms:** | 2210402C08Rik; 2410003M20Rik; 4933437C11Rik; ash |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_023635 |
| **ORF Size:** | 666 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(MR202531).` |
| **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_023635.5, NP_076124.1 |
| **RefSeq Size:** | 3066 bp |
| **RefSeq ORF:** | 666 bp |
| **Locus ID:** | 11891 |
| **UniProt ID:** | Q9ERI2 |
| **Cytogenetics:** | 9 40.08 cM |

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**Gene Summary:** The protein encoded by this gene is a member of the Rab family of proteins, which is the largest family within the Ras superfamily of GTPases. This gene product is thought to regulate vesicular transport, together with its specific effectors. Mutations in this gene cause several defects, including actin-based melanosome transport defects and immunodeficiency. Mutations in the human ortholog of this gene are associated with Griscelli syndrome type 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]