

Product datasheet for **RR201836L4V**

Abcb9 (NM_022238) Rat Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Abcb9 (NM_022238) Rat Tagged ORF Clone Lentiviral Particle |
| Symbol: | Abcb9 |
| Synonyms: | Tap1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_022238 |
| ORF Size: | 2286 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RR201836). |
| 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_022238.1 , NP_071574.1 |
| RefSeq Size: | 3303 bp |
| RefSeq ORF: | 2289 bp |
| Locus ID: | 63886 |
| UniProt ID: | Q9QYJ4 |
| Cytogenetics: | 12q15 |



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Gene Summary:

ATP-dependent low-affinity peptide transporter which translocates a broad spectrum of peptides from the cytosol to the lysosomal lumen. Displays a broad peptide length specificity from 6-mer up to at least 59-mer peptides with an optimum of 23-mers. Favors positively charged, aromatic or hydrophobic residues in the N- and C-terminal positions whereas negatively charged residues as well as asparagine and methionine are not favored (By similarity).[UniProtKB/Swiss-Prot Function]