

Product datasheet for **RR201836L3V**

Abcb9 (NM_022238) Rat Tagged ORF Clone Lentiviral Particle

Product data:

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-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
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]