

Product datasheet for **MR222520L4V**

Vash1 (NM_177354) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vash1 (NM_177354) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vash1
Synonyms:	AI834978; D930046M13Rik; G630009D10Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177354
ORF Size:	1125 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222520).
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_177354.4 , NP_796328.2
RefSeq Size:	6189 bp
RefSeq ORF:	1128 bp
Locus ID:	238328
UniProt ID:	Q8C1W1
Cytogenetics:	12 D2



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Gene Summary:

Tyrosine carboxypeptidase that removes the C-terminal tyrosine residue of alpha-tubulin, thereby regulating microtubule dynamics and function (PubMed:29146868). Acts as an angiogenesis inhibitor: inhibits migration, proliferation and network formation by endothelial cells as well as angiogenesis (PubMed:19204325). This inhibitory effect is selective to endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts (By similarity).[UniProtKB/Swiss-Prot Function]