

Product datasheet for MR222520L3

Vash1 (NM_177354) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Vash1 (NM_177354) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Vash1

Synonyms: Al834978; D930046M13Rik; G630009D10Rik

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR222520).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_177354

ORF Size: 1125 bp



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Vash1 (NM_177354) Mouse Tagged Lenti ORF Clone - MR222520L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: NM 177354.4, NP 796328.2

 RefSeq Size:
 6189 bp

 RefSeq ORF:
 1128 bp

 Locus ID:
 238328

 UniProt ID:
 Q8C1W1

 Cytogenetics:
 12 D2

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

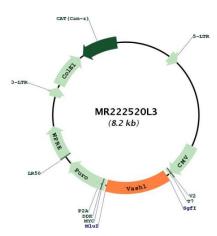
cells as well as angiogenesis (PubMed:19204325). This inhibitory effect is selective to

endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts (By

similarity).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR222520L3