

Product datasheet for **MR224567**

Vmn1r152 (NM_001166752) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Vmn1r152
Synonyms:	EG667504; Gm8673
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR224567 representing NM_001166752
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCTGCTCATGGTAAATCCGTGAAAACCACTGAGGAAGTGGCTCTTCAGATCCTCTTGCTTTGCCAGT
TTGGGGTTGGAAGTGTGGCCAATGTCTTTCTGTTGTCCATAATTTCTCTCCAGTCTTGACTGGTTCTAA
ACAGAGGCCAGACAGGTGATTTTAAGCCACATGGCTGTGGCCAATGCCTTGACTCTATTCCTCACTATA
TTTCCAACAACATGAGTGCTTTTGCTTCCAAAACCTCCAAATGAACTCAAATGTAATTAGAATTCT
TCAGTCACATGGTGGCAAGAAGCAAAAATTTGTGTTCCACCTGTGCTCCTGAGTATCCATCAGTTTGTGAC
TCTTGTCTCTGTTAATAGAGGTAAAGGTAACTTATACTCAGAGCAAGTGTCCCAAATTTGTGGAATTAT
TCCTGCTACAGTTGTTGGTTTTACAGTGTCTTAAGTAACATCCACATTCGAATTAAGGTCACTGGTCCAC
AGATAACAGACAATAACACTGACTCTAAAAGCAACTTGTTGCGTTCCACTTCTGGGTTCAATGTAGGCAT
GGTCTTCTTGCAAGTTTCCCATGATGCCACATTCATGACCATCATGGTCTGGACCAAGTGTCTCCATGGTA
CTTCTCCTCCATAGACATCGCCAGCAAAATGCAGCACATCCTCACTCCCAATCAGGATGCCAGAGGCCAAG
CTGAGACCAGAGCAACCCATACTATCCTGATGTTGGTGGTCACATTTGTAGATTTTATCTTCTAAATTG
TATTTGTATCATCTTTCATGCCTTTCTATACATTCTCGTCTCTTCATAAGGCTTGTCAAGTGGTTCTG
GCTGCAGTCTTCCCAGTATCTGCCCTTACTGTTGATCTTCAGAGATCCTAAAGATCCTTGTCTGTGTC
TCTTCAAGTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR224567 representing NM_001166752
Red=Cloning site Green=Tags(s)

MSAHGKSVKTTTEEVALQILLLCQFGVGTVANVFLVHNFSPVL TSGKQRPRQVILSHMAVANAL TFLFTI
FPNNMSAFASKTPPNELCKLEFFSHMVARSKNLCSTCVLSIHQFVTLVPVNRGKGKILRASVPNLWNY
SCYSCWFVSVLSNIHPIKVTGPQITDNNITDSKSNLFGSTSGFVGMVFLQFSDATFMTIMVWTSVSMV
LLHLRHRRQGMHILTPNQDARGAETRATHITLMLVVTFRVFLNCICIIHFAFSIHSRLFIRLVSEVL
AAVFLSCIPLLLIIRPDQPCDSCVLEK

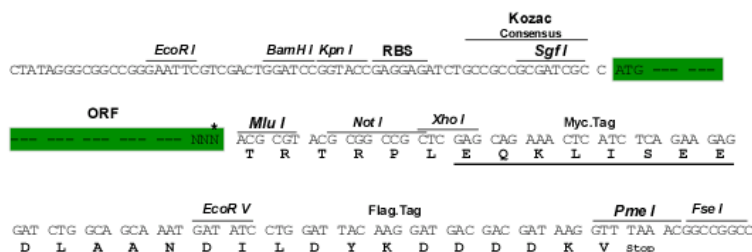
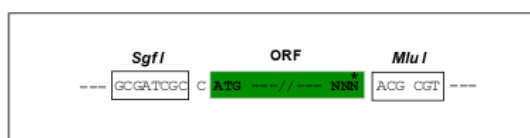
TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9087_q10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001166752

ORF Size: 921 bp

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001166752.1](#), [NP_001160224.1](#)

RefSeq Size: 924 bp

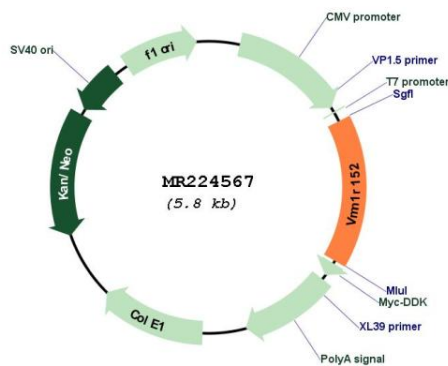
RefSeq ORF: 924 bp

Locus ID: 667504

Cytogenetics: 7 A3

MW: 34.5 kDa

Product images:



Circular map for MR224567