

## Product datasheet for MR224693

### Vmn1r63 (NM\_030742) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r63 (NM_030742) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r63
Synonyms:	V1R1; V1rd1; V3R1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224693 representing NM_030742 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAATGTTGGCTCTTCAGATCCTTTTGCTTTGCCATGTTGTGGTTGGGACTGTGGCAACATCCTTC  
TGTTTGTCCATAACTTCTCTCAAATCTTGACTGACTCCAGACTGAGGCCAATACAGGTCATTCTAATCAA  
CTTGGCTGTAGCCAATGCATTTCATGCTCCTTCTTTGCATATTCATATGATCTTACTGATATTGTTCCC  
AGGAAGCCTCCAACCTGACCTCAAATGTAACCTGCATACTCTTTCACCTGGTGGCTCGAGGCACAATCA  
TGTGCTCCACCTGTGCCTCAGTACATACCAGTTTGTCACTCTTGTTCCTGGTACCTGGGCTAGGGTCAT  
GTTCAGCGAAATATCCCCAAGGTTGTAAGCTATTGTTGTTACAGCTGCTGGTTGTTCAAGTCTTAAAT  
AATGCTTACATGCTAATGAATGTCAAGTCCACAGAAATCACACAATGACTCTGATTCTAAAGGCAATT  
CAATATGCTCCATCTCTGGGGTCAAGTGTAGACATGAATTTCTTGGGTTTTCCCATGACATCATATTCCT  
AAGCATCATGGCCTGGACCAGTGTCTCCATGGTGATTCACCTAAACAGACACCACCAGAGAATGAACCAC  
ATACATAAGGTCAATCAAACAACAGAGGCCATGCTGAGACCAGAGCAGCCACACCATCCTGATGCTGG  
TGGTCACATTTGTGAGCTCATATACTCTAAATTGATTAGTATTTCAATTCACATTTCTTTGTGGAATC  
TTGCTCTGGTTGAGGTATGTCACAAAACCTCTGGCTCTAAGCTTCCCCACCATTCTCCCTTACTGTTG  
ATATTTAGGGATTGTAAGGGTCATTGTTCTCTGCGCATCATGTCAAGTATGGAAATCTATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR224693 representing NM\_030742  
 Red=Cloning site Green=Tags(s)

MEMLALQILLLLCHVVVGTVGNILLFVHNFSQILTDSRLRPIQVILINLAVANAFMLLLFAYSYDLTDIVP  
 RKPPDCLKCKLAYFFHLVARGTMCSTCVLSTYQFVTLVPGTWARVMFSEISPKVVSYCCYSCWLFVSLN  
 NAYMLMNVSGPQKSHNDSDSKGNISCSISGVSDMNFRLRFSHDIIFLSIMAWTSVSMVIHLNRHHQRMNH  
 IHKVNQNNRGHAETRAAHTILMLVVTFFVSSYTLNCSISFHSIFVESCLWLRVYTKLLALSFPPTISPLLL  
 IFRDCKGHCSLRIMSVKSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_030742

**ORF Size:** 900 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.

**RefSeq:** [NM\\_030742.1](#), [NP\\_109667.1](#)

**RefSeq Size:** 2172 bp

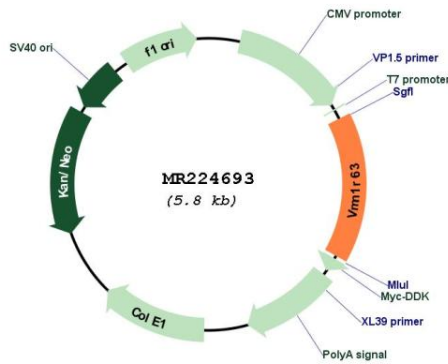
**RefSeq ORF:** 903 bp

**Locus ID:** 81017

**Cytogenetics:** 7 A1

**MW:** 34 kDa

**Product images:**



Circular map for MR224693