

## Product datasheet for **MR224699**

### Vmn1r234 (NM\_134198) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Vmn1r234 (NM\_134198) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Vmn1r234  
**Synonyms:** V1rf1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR224699 representing NM\_134198  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCAAGTAGTCCATGCCTACCTCCTCATGCAGAATCCTCGGGATCAGGCAGAAGGGTCTCATCAA  
TCACTTCTGGTGATATGGCTATAGGGGTTATTTGGTATCACAGACTGTTGCTGGAGTTTGGGCAATTC  
GTGTCTCCTCTACAATTATAGTGCTTACTTCAAATCATACAAATTAAGCACATGGACTGGATTTTG  
ATGCATTGATTGTCCAACCTCTTAACCTCCTATGTAAGGGTGTCCACAAGCAATGGCAGCTTTTG  
GTTTTCAATGTTCTTCAATGATTTTGAGTGCAAACCTACTTTCTACCTTCATAGGGTGGGAAGAGGCGT  
GTATTTCGGCAGTGCATGCTTATTGAGTGTCTCCAGGTCATCACCATCAGCCAGAGGATGCCATTTGG  
ACAATCTTAAAAAAAAAAGCACCAAGTGCATCAGCTCTTCCCTATACTTGACTTGGATTCTATCTCTCC  
TTTTTAGCATTGTTCCCTTAAGTATATGTCTGCAAAATGTGCAATGTTAACAACACAAATCTCAAGGA  
CTTGGGTACTGTTCTTCTCTTTTGTGACAAAAGTGAAGTACTGCATGCAGCACACGTGATTATC  
CCTGGTGTGTGTCATGTTTTTCATGCTGTGCTCCAGTGGTCCATGGTTCTCATTGTCACAGGCACA  
GGCAGAGGATGGAACATATGATTAGGAGCAATATTTCCCTAGATCCAGCCATGAGTCCAGAGCAACACA  
AACCATTCTTCTCCTAGTGAGTACCTTTGTATGTTTCTATACACTCTCCACACTTTAACTATTTGTTTA  
AACTTTTAGTTAATCTTACCTGGCATCTAGTGAGTATCCATGCAATATCTCAATGTGTTTTGCTTCTG  
TAAGCCCCTACTTGCTCATGAGACATGGTTCAGCACATCCATCCATTGCTTTGCTTGGGTAACATCA  
AAAATCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR224699 representing NM\_134198  
Red=Cloning site Green=Tags(s)

MKQVVHAYLLMQNPRDQAEQSHQITSGDMAIGVILVSQTVAGVLGNSCLLYNYIVLYFKSYKLGKHMWDWIL  
MHLIVSNFLTLLCKGVPQAMAAFQCFQFNDFECKLLSYLHRVGRGVSFQSACLLSVFQVITISPEDAIW  
TILKKKAPKCISSSLYL TWILSLLFSIVSLKYMSAKLCNVNNTNLKDLGYCSSLSFDKTAEVLHAAHVII  
PGAVCMFFMLCSSGSMVLILHRHRQRMEHMIRSNIIFPRSSHESRATQTILLVSTFVCFYTLSTLLTICL  
NFLVNLTWHLVSIHAIFSMCFASVSPYLLMRHGSSTSIHCFWVNYQKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9080\\_h04.zip](https://cdn.origene.com/chromatograms/mm9080_h04.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\_134198

**ORF Size:** 987 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\\_134198.1](#), [NP\\_598959.1](#)

**RefSeq Size:** 990 bp

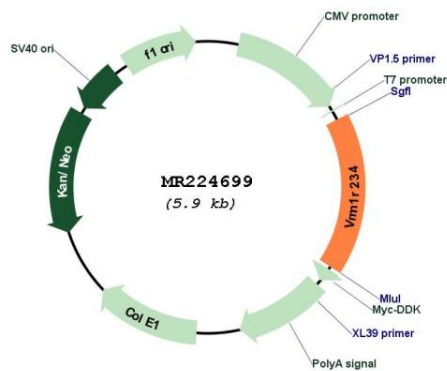
**RefSeq ORF:** 990 bp

**Locus ID:** 171232

**Cytogenetics:** 17 A3.2

**MW:** 37.1 kDa

### Product images:



Circular map for MR224699