

Product datasheet for **MG224699**

Vmn1r234 (NM_134198) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vmn1r234 (NM_134198) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Vmn1r234
Synonyms: V1rf1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG224699 representing NM_134198
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCAAGTAGTCCATGCCTACCTCCTCATGCAGAATCCTCGGGATCAGGCAGAAGGGTCTCATCAA
TCACTTCTGGTGATATGGCTATAGGGGTTATTTGGTATCACAGACTGTTGCTGGAGTTTGGGCAATTC
GTGTCTCCTCTACAATTATAGTGCTTACTTCAAATCATACAAATTAAGCACATGGACTGGATTTTG
ATGCATTGATTGTCCAACCTCTTAACCTCCTATGTAAGGTGTTCCACAAGCAATGGCAGCTTTTG
GTTTTCAATGTTCTTCAATGATTTTGAGTGCAAACCTACTTTCTACCTTCATAGGGTGGGAAGAGGCGT
GTATTTCGGCAGTGCATGCTTATTGAGTGTCTCCAGGTCATCACCATCAGCCAGAGGATGCCATTTGG
ACAATCTTAAAAAAGCACCAAGTGCATCAGCTCTCCCTATACTTGACTTGGATTCTATCTCTCC
TTTTTAGCATTGTTCCCTTAAGTATATGTCTGCAAAATGTGCAATGTTAACAACACAAATCTCAAGGA
CTTGGGTACTGTTCTTCTTTCTTTTGACAAAAGTGAAGTACTGCATGCAGCACACGTGATTATC
CCTGGTGTGTGCATGTTTTTCATGCTGTGCTCCAGTGTTCCATGGTTCTCATTGTCACAGGCACA
GGCAGAGGATGGAACATATGATTAGGAGCAATATTTCCCTAGATCCAGCCATGAGTCCAGAGCAACACA
AACCATTCTTCTCCTAGTGAGTACCTTTGTATGTTTCTATACACTCTCCACACTTTAACTATTTGTTTA
AACTTTTAGTTAATCTTACCTGGCATCTAGTGAGTATCCATGCAATATTTCTCAATGTGTTTTGCTTCTG
TAAGCCCCTACTTGCTCATGAGACATGGTTCAGCACATCCATCCATTGCTTTGCTTGGGTAACATCA
AAAATCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG224699 representing NM_134198
Red=Cloning site Green=Tags(s)

MKQVVHAYLLMQNPRDQAEQSHQITSGDMAIGVILVSQTVAGVLGNSCLLYNYIVLYFKSYKLGKHMWDWIL
MHLIVSNFLTLLCKGVPQAMAAFQCFQFNDFECKLLSYLHRVGRGVSFSGACLLSVFQVITISPEDAIW
TILKKKAPKCISSSLYL TWILSLLFSIVSLKYMSAKLCNVNNTNLKDLGYCSSLSFDKTAEVLHAAHVII
PGAVCMFFMLCSSGSMVLILHRHRQRMEHMIRSNIIFPRSSHESRATQTILLVSTFVCFYTLSTLLTICL
NFLVNLTWHLVSIHAIFSMCFASVSPYLLMRHGSSTSIHCFAWVNYQKS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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](#)

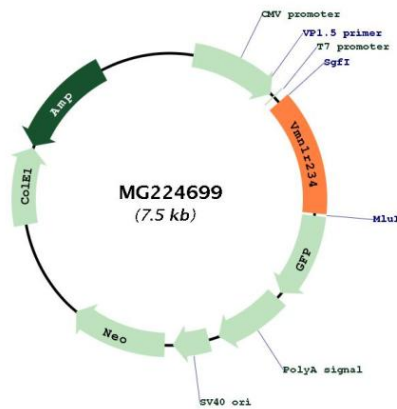
RefSeq Size: 990 bp

RefSeq ORF: 990 bp

Locus ID: 171232

Cytogenetics: 17 A3.2

Product images:



Circular map for MG224699