

Product datasheet for **MR223138**

Vmn1r218 (NM_134222) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r218 (NM_134222) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r218
Synonyms:	V1ri5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223138 representing NM_134222 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATAAAATTACTCAGGCAATAGTCTTCCTTTCTCTAGCTGGACCTGGAGTTGTAGGAAATATCTTAG
TATTCATGAGATATGTGTACACTTCTGCCTTGGGACTGAGAAAAGACCGATAGATCTTATTCTCATCCA
CTTGGCATTATCTAATCTGATCATTATTTGTAGCACAGGAGTCACAGATATAGTCACAGTGTTTTATTTT
AGAACTTCTTAGGAGATATTGGCTGTAAATGATGGTTTATCTGGCAAGGATGGCACGGGTCTTTCCA
TCTGCACTACCTGTCTCCTCAGTGTGGTTCAGGCTGTCACCATCAGTCCCAGGACAACCATTTGGACAAA
GCTCAAGCCACAGACGTCATGCCAAGTTCTTCCCTTTCTCTCCTTTCTGGATTGTTAATGTTCTCATA
AGCTCCAAGTCTCTCTACATCAAAGCAGGCAGTAGCTTGAACAGGTCTGTAGCTGCAACATTTCATTG
GCCACTGCTATATGCTACCATCCAGACATATCATCAAATGGCTTTTCTCTCTCATGACTCTTCGTGA
TGTTATTTTTTCAGAGTCTAATGGGCTGGAGCAGTGGGTCCATGGCTCTCCATCTGTATAAGCACCACAAG
CATGTCCTCTACCTTCACAGCTCCAGGTTTGCAAACAACCTCCCTCCTGAAATCAGAGCTACATGGAGTG
TTCTCATTCTTATGGCCTTCTTCTGTTCTTCTATTGGGTAGATTTTATTCTTTCTTCTACACAGGTTT
CACAGTGACACATGATTCTACGTTACTAAATATTAAGTATTTTGAATTTGGTTATGCTAGTTTCAGC
CCCTATGTTCTGATCAGCAGAGATGTCCATCCTCCTAATGTCTTGATGCTCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR223138 representing NM_134222
 Red=Cloning site Green=Tags(s)

MNKITQAIIVFLSLAGPGVVGNIIVFMRVYVTSALGTEKRPIDLILHLALSNIICSTGVTDIVTVFYF
 RNFLGDIGCKMMVYLARMARGLSICTTCLLSVVQAVTISPRTTIWTKLPQTSCQVLPFLLFWIVNVLI
 SSNLLSYIKAGSSLNRSVAATFIGHCYMLPSRHIKWFLSLMTLRDVFQSLMGWSSGSMALHL YKHHK
 HVLYLHSSRFANNSPPEIRATWSVLILMAFFLFFYWDFILSFYTGFTVTHDSTLLNIKVFLEFGYASFS
 PYVLISRDVHPPNVLHAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9063_f08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_134222

ORF Size: 894 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_134222.1, NP_598983.1

RefSeq Size: 897 bp

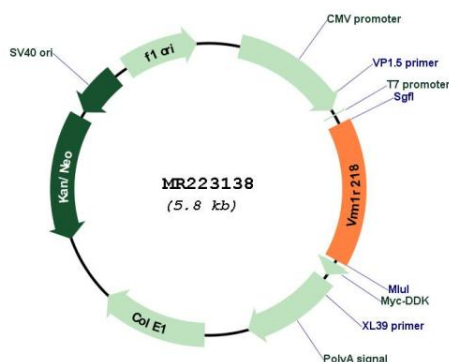
RefSeq ORF: 897 bp

Locus ID: 171256

Cytogenetics: 13 A3.1

MW: 33.7 kDa

Product images:



Circular map for MR223138