

## Product datasheet for **MG223138**

### Vmn1r218 (NM\_134222) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Vmn1r218 (NM\_134222) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Vmn1r218  
**Synonyms:** V1ri5  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG223138 representing NM\_134222  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAATAAAATTACTCAGGCAATAGTCTTCCTTTCTCTAGCTGGACCTGGAGTTGTAGGAAATATCTTAG  
 TATTCATGAGATATGTGTACACTTCTGCCTTGGGGACTGAGAAAAGACCGATAGATCTTATTCTCATCCA  
 CTTGGCATTATCTAATCTGATCATTATTTGTAGCACAGGAGTACAGATATAGTCACAGTGTATTTATTTCC  
 AGAAACTTCTTAGGAGATATTGGCTGTAAAATGATGGTTTATCTGGCAAGGATGGCACGGGGTCTTTCCA  
 TCTGCACTACCTGTCTCCTCAGTGTGGTTCAGGCTGTCACCATCAGTCCCAGGACAACCATTTGGACAAA  
 GCTCAAGCCACAGACGTCATGCCAAGTTCTCCCTTTCTCTCCTTTCTGGATTGTTAATGTTCTCATA  
 AGCTCCAAGTCTCCTACATCAAAGCAGGCAGTAGCTTGAACAGGTCTGTAGCTGCAACATTCATTG  
 GCCACTGCTATATGCTACCATCCAGACATATCATCAAATGGCTTTTCTCTCTCATGACTCTTCGTGA  
 TGTTATTTTTTCAGAGTCTAATGGGCTGGAGCAGTGGGTCCATGGCTCTCCATCTGTATAAGCACCACAAG  
 CATGTCCTCTACCTTACAGCTCCAGGTTTCAAACAACCTCCCTCCTGAAATCAGAGCTACATGGAGTG  
 TTCTCATTCTTATGGCCTTCTCCTGTCTTCTATTGGGTAGATTTTATCTTTCTTTCTACACAGGTTT  
 CACAGTGACACATGATTCTACGTTACTAAATATTAAGTATTTTAGAATTTGGTTATGCTAGTTTCAGC  
 CCCTATGTTCTGATCAGCAGAGATGCCATCCTCCTAATGTCTTGCATGCTCAC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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Protein Sequence: >MG223138 representing NM\_134222  
 Red=Cloning site Green=Tags(s)

MNKITQAIIVFLSLAGPGVVGNILVFMRYVYTSALGTEKRPIDLILHLALSNLIIICSTGVTDIVTVFYF  
 RNFLGDIGCKMMVYLARMARGLSICTTCLLSVQAVTISPRTTIWTKLPQTSCQVLPFLLLFWIVNLI  
 SSNLLSYIKAGSSLNRSVAATFIGHCYMLPSRHIKWLFLSLMTRLRDVIFQSLMGWSSGSMALHL YKHHK  
 HVLYLHSSRFANNSPPEIRATWSVLILMAFFLFFYWDFILSFYTGFTVTHDSTLLNIKVFLEFGYASFS  
 PYVLISRDVHPPNVLHAH

TRTRPLE - GFP Tag - V

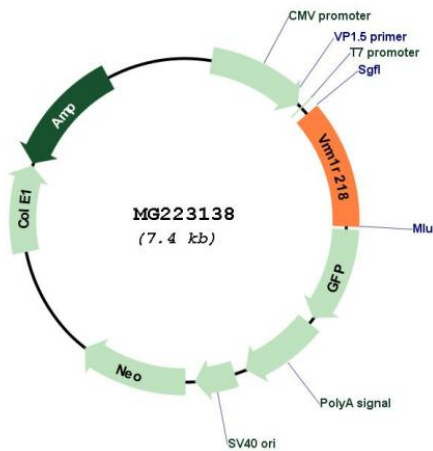
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM\_134222

ORF Size: 894 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_134222.1</a> , <a href="#">NP_598983.1</a>
<b>RefSeq Size:</b>	897 bp
<b>RefSeq ORF:</b>	897 bp
<b>Locus ID:</b>	171256
<b>Cytogenetics:</b>	13 A3.1