

## Product datasheet for **MG223774**

### Vmn1r107 (NM\_001166759) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Vmn1r107 (NM\_001166759) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Vmn1r107  
**Synonyms:** 673977; 100043561; Gm4519; Gm9609; Vmn1r110  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG223774 representing NM\_001166759  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTGCTCATGGTAAATCCGTGAAAACCACTGAGGAAGTGGCTCTCCAGATCCTTGTCTTTGCCAGT  
TTGGGGTTGGAAGTGTGGCCAATGTCTTTCTGTTGTCCATAATTTCTCTCCAGTCTTGACTGGTTCTAA  
ACAGAGGCCAGACAGGTGATTTAAGCCACATGGCTGTGGCCAATGCCTTGACTCTATTCCTCACTATA  
TTTCCAAACAACATGAGTGCTTTTGTCTCCAAAACCTCCAAAATGAACTCAAATGTAATTAGATTCT  
TCAGTCACATGGTGGCAAGAAGCAAAAATTTGTGTCCACCTGTGCTCCTGAGTATTCATCAGTTTGTCC  
TCTTGTTCCTGTTAATAGAGGTAAGGTAACCTTATACTCAGAGCAAGTGTCCAAATTTGTGGAATTAT  
TCTCGCTACAGTTGTTGGTTTTACAGTGTCTTAAGTAACATCCACATTCCAATTAAGGTCAGTGGTCCAC  
AGATAACAGACAATAACACTGACTCTAAAAGCAACTTGTCTGTTCCTTCTGGATTCAATGTAGGCAT  
GGTCTTCTTGCAAGTTTCCCATGATGCCACATTCATGAGCATCATGGTCTGGACCAGTGTCTCCATGGTA  
CTTCTCTCCATAGACATCGCCAGCGAATGCAGCACATCTCACTCCCAATCAGGATGCCAGAGGCCAAG  
CTGAGACCAGAGCAACCCATACTATCCTGATGCTGGTGGTCACATTTGTTAGCTTTTATCTTCTAAATTG  
TATTTGTATCATCTTTATGCTTTTCTATACATTCTCGTCTCTCATAAGGCTTGTGAGTGGTTCTG  
GCTGCAGTCTTCCCGATATCTGCCCTTACTGTTGATCTTCAGAGATCCTAAAGATCCTTGTCTGTGC  
TCTTCAAATGT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223774 representing NM\_001166759  
 Red=Cloning site Green=Tags(s)

MSAHGKSVKTTEEVALQILLLCQFGVGTVANVFLFVHNFSPVL TGSKQRPQVILSHMAVANALTLFLTI  
 FPNMMSAFAPKTPPNELKCKLDFFSHMVARSKNLCSTCVLSIHQFVTLVPVNRGKGLILRASVPLWNY  
 SCYSCWFYSVLSNIHIPIKVTGPQITDNNNTDSKSNLFCSTSGFIVGMVFLQFSDATFMSIMVWTSVSMV  
 LLLHRHRQRMQHILTPNQDARGQAEATRATHILMLVVTFVSFYLLNCICIFHAFSIHSRLFIRLVSEVL  
 AAVFPSICPLLLIFRDPKDPCSVLFKC

TRTRPLE - GFP Tag - V

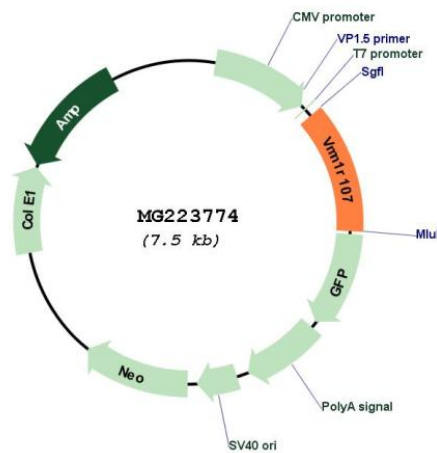
Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM\_001166759

ORF Size: 921 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_001166759.1</a> , <a href="#">NP_001160231.1</a>
<b>RefSeq Size:</b>	924 bp
<b>RefSeq ORF:</b>	924 bp
<b>Locus ID:</b>	673977
<b>Cytogenetics:</b>	7