

## Product datasheet for **MG214578**

### Vmn2r3 (NM\_001104614) Mouse Tagged ORF Clone

#### Product data:

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	TurboGFP
<b>Symbol:</b>	Vmn2r3
<b>Synonyms:</b>	EG637004
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-AC-GFP (PS100010)
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence: >MG214578 representing NM\_001104614  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGACTTGCAGGTTGATGCGCAAATTTAATTTGACTGGATATGTAGAAGCTGAAAATCATCATTTTGTTA  
TTGGAGGACAGTTTCTGTTCACTATAGGACCATCCCAACAACGTCTCCATTCCTAACCCAAATAGAGGC  
CAGTGGCTCACAATGCTTTTCTTTCCAGGTTAATTTCCGGGTTTCCGCTGGATGAAAACCATGATC  
CACACCATCAAGGAGATTAATGAGAGGAAGGATATTTTGCCCGAACACACTCTGGGCTACCAGATATTTG  
ACAACGTGTTTCTCCACCACCAAGCAATGGAGTCATCTATGGTGTCTAACAGGGCAGGATGAATACAA  
ACCGAAATGGAGAAACAGCACTGGAAAATATCTAATTGGAATTATTGGAGCAGGAGGATCAACTATGTCA  
CTTGCTGGAGCAAGAATTTACTTAACTATAAAATTTTTCAATTTGAGTGGGATATGCTTCTCTCTCTCT  
CTATTCTTACTGAATATTTAAATGTTTATCGCACAAATACCCAGTGATAAGTTTCAGACTGAGGCAATTTG  
GAATCTGATTAGACTTTGGTTGGTCTGGATAGGAGCTATAGCATCTGATGATGATTATGAAAACAT  
GGAGTAAAAATCATTAGGAAAATATTGGAGACTAACCACTGTGCATTGCTTTCTGAAAACATTCCAA  
AAGTCTACTCCAATGAGAAAATGCAAAATAGCTATTGATGCAGTAAAGAGTTCAACTGCCAAAAGTCATTGT  
GCTTTATGCAACTGACTTTGACCTCAGCCCTTTGCTGGAAGTGATTCATCAACATAGCTCACAGG  
ACATGGATAGCCACCGAAGCCTGGATTACCTCAGCTCCTATTGCAAAGCCTGAGTATTTCCCTATTTTG  
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CCCTAGCAAGGATCCAATGATGTCTTGACCATTGAATTCTGGCAAAGTCTTTAATTGTACTGCGCA  
AACAGCAGTGTCTTATAACGTGGATCACAGAGTGAATATGACTGGTAAAGAAGACAGGTTGTATGATA  
TGTCAGATCATCTGCACTGGAAAGGAGAAGCTGAAAGATCTGAAAAATACCTATCTGGATACATCACA  
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TTGAATATATCAGGAAAGTAAATTTACTACTCATGATGGAAGAAAAATAGAGCTTAATGTTTCATGGAGA  
CATAGAAAATGGATATTACGATATCCTAAATGGCAGATGGATAACACTGGAGATATTGCCATTGTCAAG  
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AGCATGTGGAATTCCTTGTATGAGGAGGCCCTGGGATTCCTTGTCAATCTTTCCATATTTGGGGC  
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CGGGAGCTGAGCTTCTCATTAGATATCTCTGGTTATCACAGTGTGTCAACCATGCTATTTATAGGCA  
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GTTACAACCTTTATGGCTCGTCAGTGCCAGATAACTATTATGAAGGGAAATGTATCACTTTTGGAAATGC  
TCTTCTTTTTCATTGTCTGGATCTCTTTTGTCCCTGCTTACTTGAGCACCAAAGGCAAATTCAAAGTGGC  
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ATTATCTTGTGAGCCAAAGGGAACACTGATGAACTGTTGGTGGAAAGAGTCCCCACTGTTGACAGGA  
GCATCCAGCTGACCTCAGCTTCTGTGAGCAGTGAGCTTAACAGCACCATGGTGTCCACTGTCTGGATGA  
G

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG214578 representing NM\_001104614

Red=Cloning site Green=Tags(s)

MTCRLMRKFNLTGYVEAENHHFVIGGQFPVHYRTIPTTSPFLTQIEASGSQMLFLSRFNFRGFRWMKMTI  
HTIKEINERKDILPEHTLGYQIFDNCSTTKAMESSMVFLTGQDEYKPKWRNSTGKYLIGIIGAGGSTMS  
LAGARILLNYKYFQFQVGYASSSSILTEYLNRYRTIPSDKFQTEAIVNLIRHFGWVWIGAIASDDDYGKH  
GVKSFRKILETNLCLAFSETIPKVYSNEKMQIAIDAVKSSAKVIVLYATDFDLSPFVLEVIHNNIAHR  
TWIATEAWITSALIAKPEYFPYFGGTIGFAIPRSVIPGLKEFLYDVHPSKDPNDVLTIEFWQTAFNCTWP  
NSSVPYNVDHRVNMGTGKEDRLYDMSDHLCTGKEKLDLKNLYLDTSQLRITNVRQAVYLMAYGLDRLIR  
VLIKEYREYLLHPKILAFMSYKLFYIRKVKFTTHDGRKIELNVHGDIENGYYDILNWQMDNTGDIAIVK  
VGEYKPTRSKYELVLPKNSTLFWNTESSRLPDSVCTKVCPPGTRKGFITGQPVCCFDCIPCEDGYVSEKP  
GQRLCNPCEDDWSNAEKNKCPKHVEFLAYEEALGFTLVILSIFGALVVLAVTVVYVIHRHTPLVKAND  
RELSFLIQISLVITVLSTMLFIGKPCNWSMARQVTLALGFCLCLSSILGKTIISLFFAYRISISKTQLIS  
MHPSFRKLI VLLCVFGEIGVCASYLVLPKPPSMFKNIERQNVKIIIFECNEGSVEFLCSIFGFDVLLALLCF  
VTTFMARQLPDNYEGKCITFGMLFFFIVWISFVPAYLSTKGKFKVAVEIFAILASSYGLLGLFLPKCF  
IILLRPKRNTDETVGGRVPTVDRSIQLTSASVSELNSTMVSTVLDE

TRTRPLE - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001104614.1](#), [NP\\_001098084.1](#)

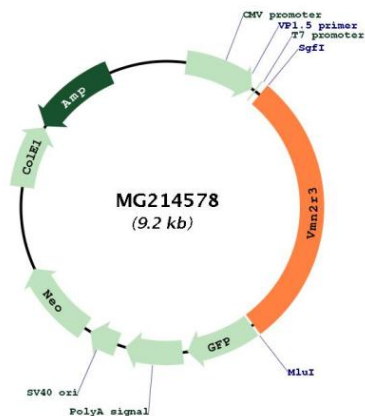
**RefSeq Size:** 2670 bp

**RefSeq ORF:** 2664 bp

**Locus ID:** 637004

**Cytogenetics:** 3 E1

### Product images:



Circular map for MG214578