

## Product datasheet for **MR213704**

### **Vmn2r100 (NM\_001104562) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Vmn2r100 (NM_001104562) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn2r100
Synonyms:	EG627537
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR213704 representing NM\_001104562  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGTTCTCCTGTATTTTTATCTTCTGTCTCTTGCAAATCCCAAATTTATATCTGCCATTATGTTTA  
 ATATCAGTAGATGTTATTACATAATTTCTGAAGAATTTACCATGAAGGAGATGTTGTGATTGGTGCCCTT  
 TTTCCCCCTGCATACTTTCTACACTGAGAAGAAAATGCCACATCAACTCTACCATATCAATATTTGGAC  
 AATTACATACAGTATAACTTTAAGAATTACCAATATATTCTGGCTCTGCTCTTTGCCATTGAGGAGATAA  
 ATGGGAACCCCAATCTTTTACCAACATATCTCTCGGATTTGATTTCTACAATGCAGATTCAGTGAGAA  
 GGACACTCTTATGAATGCTGGTATTTGGCTCACAGCCCATGTGGAAGAAAAGGTTTTACCTAATTACAAT  
 TGTAAGAAAGAGAAATTTACTGCTGCATTCACAGGAACATCATGGATAACATCTGCTCAAATTTGGGACAT  
 TGCTTCACCTCTTTAAATTTCCACAGTACTTTTGGACCTTATGATCCTCTCTTGAGTGACCGTAGTCA  
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 GAAATACAGAGACTCCGATTGTAAGGCCAATAATCGAGCTCTGAGTTACATTTTGTCTATCACACTC  
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 CTTTAAAGTCAGTTTCCAGGTAGAATGGTAAGGTGGCTAATGATATCAAAGGTCCAACTACATCATT  
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 TTCTGTTTACCACAGCACTAAAGGGAAGATCATGGTGGCTATGGAAGTATTCTCTATTTTGGTTTCCAG  
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 TTTAATCACATCAAAAAAAAAACCTCACAC

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR213704 representing NM\_001104562  
 Red=Cloning site Green=Tags(s)

MMFSCIFIFCLLQIPKFISAIMFNISRCYIISEEFHHEGDVVIGAFFPLHTFYTEKKMPHSTLPYQYLD  
 NYIQYNFKNYQYILALLFAIEEINGNPPLLPNISLGFDFYNVRFTEKDTLMNAGIWLTAHVERKVLPNYN  
 CKKRNF TAAFTGT SWITSAQIGTLLHLFKFPQITFGPYDPLLSDRSQYSSLYQIAPKDTSLTLAIVSLMV  
 HFRWSWVGLILPDDHKGNKVLSDFKQEMERRRICIAFVKMIPATWTSYFTKFWQNMEETNVIIIYGDIDS  
 LEGLVRNIGQRLLTWNVWVMNVEYNIKLITDYFLLDSFHGSLIFKHNFRNF EFTKFIQTVNPSKYPKDI  
 YLPKLWYLFKCSFADV NCHVLDNQCNSASLDILPSHIFDVAMSEESTSIYNGVYVAHSLHEMRLQQLQ  
 RQPFENGEGMEFIPWQLNTFLKNIEVRENRSIDWKLAI DA EYEILNLWNLPKGLGLKVKGVSASAPQG  
 QQLSLSEQIIQWPEIFSEIPKSVCSSECVPGFRKVTLEGKAICCYKCTPCADNEISNETDQVCVKCPES  
 HYANTEKSMCYQKSVSFLAYEDPLGMALASIALCL SALTAFVIGIFVKYRDTPIVKANNRALS YILLITL  
 TFCFLCPLNFIGQPNIAACILQQTTF AVAFTMALATVLAKAITVVLAFKVSFPGRMVRWLMISKGPNYII  
 PICTLIQLLIGIWMATSPPIDQDAHTEHGHIILCNKGS AVAFH SVLGYLCLLALGSYMAFLSRNLP  
 DTFNESKFVFSMLVFFCVWVTFPLVYHSTKGMVAMEVFSILVSSTALLAFIFGPKCYIILLRPDKNS  
 FNHIKKKTSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

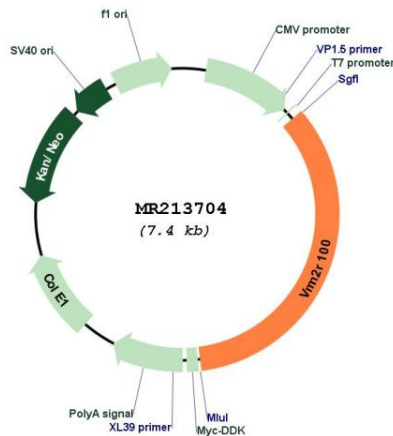
Sgfl-MluI

Cloning Scheme:



<b>ACCN:</b>	NM_001104562
<b>ORF Size:</b>	2550 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_001104562.1</a> , <a href="#">NP_001098032.1</a>
<b>RefSeq Size:</b>	2553 bp
<b>RefSeq ORF:</b>	2553 bp
<b>Locus ID:</b>	627537
<b>Cytogenetics:</b>	17 A3.2
<b>MW:</b>	97.3 kDa

**Product images:**



Circular map for MR213704