

Product datasheet for **MR214082**

Vmn2r36 (NM_001105068) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn2r36 (NM_001105068) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn2r36
Synonyms:	100042724; Gm3991
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR214082 representing NM_001105068
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCAATTTTCATGGGAGTCTTCTTCTCCTTAATATTACACTTCTCATGGCCAATTTTCATTGATCCCA
 GGTGCTTTTGGAGAATAAATTTGGATGAAATAACGGATGAATATTTGGGATTAACCTTGCTTTTCATCCT
 GGCAGCAGTTCAGACACCCACTGAAAAAGATTATTTCAACAAGACTCTTAATTTTCTAAAAACAACCTACA
 AACACAAATATGCTTTGGCATTGGTGTGGCAATGGATGAAATCAACAGAAATCCTGATCTTTTACCAA
 ATATGTCTTTGATTATAAGATACGCTTTGGGCCATTGTGATGGAAAACTGTAACACCTACACCATATTT
 ATTTTCATAAAAAAAAAAAGCCCTATCCCTAATTATTTCTGTAATGAAGAGAGTATGTGTTCTTTCTG
 ATTTTCAGGACCAATTGGAAGGTATCTTAAGTTTCTGGAAGTACCTGGACAGCTTTTTATCTCCACGTA
 TCTTTTCAGCTTACCTATGGACCTTCAGTTCATCTTCAGTGATGATGAACAATATCCCTATCTCTATCA
 GATGGCCCAAAGGACACATCTCTAGCATTGGCAATGGTCTCCTTCATACATTACTTCAACTGGAATTGG
 ATTTGGCCTTGTCATCCCAGATGATGATCAAGGAAACCAATTTCTTTTAGAGTTGAAGAAACAGAGTGAAA
 ACAAGGAAATTTGCTTTGCCTTTGTGAAAATGATCTCTGTTGATGATGTTTCATTTCCACAAAATACTGA
 AATGTACTIONACAACCAATTTGTGATGTCATCCACAAATGTTATTATCATTTATGGAGAAACATACAATTTT
 ATTTGATTTGATCTTCAGAATGTGGGAACCTCCCATTTTACAGAGAATATGGATCACCCACAAAACAATTGA
 ATTTCCCTACCAGGAAAAAGACATAAGTCATGGCACATTTCTATGGATCACTTACTTTTCTACCCACCA
 TGGTGAGATTTCTGGCTTTAAAAATTTGTACAGACATGGTCCATTTTCCAGAAACACAGATTTATATCTA
 GTAATGCCAGAGTGGAAATTTTAACTATGAAGACTCAGCATCTAACTGTAATACTGAAGAACAATT
 CATCTGATGCCTCATTGATTGGCTAATGGAACAGAAGTTGACATGACCTTTAGTGAGAGTGCATATAA
 CATATACAATGCTGTGCATGCCATAGCCATGCCCTCCATGAGATGAATCTGCAAAAAGGCTGATAATCAG
 GCAATAGACAATGAAAAAGAGCCAGTTCTCACTGCTTGAAGGTAAGTAACTCCTTTTCTAAGAAGGGCTACT
 TCACTAATCCTCTTGGGGACAAAGTGTATGAAATCAAAGAGTAATAATGCAGGATGAATATGACATTAT
 TCACTTTTGGAACTCTCACAACACCTTGGGATTAAGATGAAGTTAGGAAAGTTTACGCCCATATTTACCA
 CATGGTCGACACTCTCACTTATATGTAGACATGATTGAGTTGGCCACAGGAAGAAGAAAGATGCCATCCT
 CTGTGTGACAGTGCAGATTGTAGTCTGGATTGAGAAGATTATGGAAGGAGGGAATGGCTGCCTGCTGTTT
 TGTTTGCAGCCCCTGCCCTGAAAATGAAATTTCTAATGAGACAAATATGGATCAATGCATGAATTGTCCA
 GAATACCAATATGCCAACACTGAACAGAACAAATGTATTCAGAAAGGTGCACCTTTCTAAGCTATGAAG
 ACCCCTTGGGAATGGCACTTGCCTAATGGCCTTCTGCTTCTCTGCATTACAGCTGTGGTACTTTGTGT
 CTTTGTGAAGCACCATGACACTCCTATTGTGAAGGCAATAACAGAAGCCTCAGTCACTATTACTCATG
 TCACTCATGTTCTGTTTTCTGTGCTCCTTTTCTTCACTGGCCTTCCAAACAGAGCCATCTGTGCTTAC
 AGCAAAATCACATTTGGAATTGTATTCACTGTGGCTGTTCCACAGTTCTGGCCAAAACAGTCACTGTGGT
 TCTGGCTTTCAAAGTACAGACCCAGGGAGAAGATTGAGAAACTCCTGGTATCAGGGACACCCAACTAC
 ATTATCCCATATGTTCCCTACTCCAATGTGTTCTGTGTGCAATCTGGCTAGCAGTTTCTCCTCCCTTTG
 TTGATATTGATGAACACACTCTCCATGGCCACATCATATTGTGTGCAACAAGGGCTCAGATACTGCATT
 CTACTGTATCCTGGGATATTTGGCCTGCCTGGCACTTGAAGCTTCTCTGCTTTCTTTGGCCAAGAAT
 CTGCCTGACACATTCATGAAGCCAAGTTCTTGACCTTACAGATGCTAGTGTCTGCACTGTCTGGGTCA
 CCTTCTCCCTGTCTACCATAGCACCAAGGGCAACACATGGTTGCTGTGGAGATCTTCTCCATCTTGGC
 ATCCAGTGCAGGGATCCTTGGATGTATATTTGTACCCAAGATTTATATCATTTTAAATGCTACCAGAGAGA
 AATTCTACCCAAAAGATCAGGAAAAATCATATTTT

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR214082 representing NM_001105068
 Red=Cloning site Green=Tags(s)

MFIFMGVFFLLNITLLMANFIDPRCFWRINLDEITDEYLGLTCAFILAAVQTPTEKDYFNKTLNFKLTTT
 NHKYALALVAFAMDEINRNPDLLPNMSLIIRYALGHCDGKTVTPPYLFHKKKSPIPNYFCNEESMCSFL
 ISGNWVKVSLSFWKYLDLSPRIFQLTYGPFSSIFSDDEQYPYLYQMAPKDTSLALAMVFSFIHYFNWNW
 IGLVIPDDDDQGNQFLLELKKQSENKEICFAFKMI SVDDVSFPQNTEMYYNQIVMSSTNVI IYGETYNF
 IDLIFRMWEPPILOQRIWITTKQLNFPTRKDISHGTFYGSFLTFLPHHGEISGFKNFVQTFWFRNTDLYL
 VMPEWKYFNVEDSASNCKILKNNSSDASFDWLEQKFDMTFSESSHNIYNAVHAIHALHEMNLQKADNQ
 AIDNGKRASSHCLKVNSFLRRAYFTNPLGDKVFMNQRMQDEYDIHFVNLSQHLGIKMKLGKFSPLYLP
 HGRHSHLYVDMIELATGRRKMPSVCSADCSPGFRRLWKEGMAACCFVCSPCPENEISNETNMDQCMNCP
 EYQYANTEQNKCIQKGVTFLSYEDPLGMALALMAFCFAFTAVVLCVFKHHDTPIVKANNRSLSYLLLM
 SLMFCFLCSFFF IGLPNRAICVLQQITFGIVFTVAVSTVLAKTVTVLAFKVTDPGRRLRNFLVSGTPNY
 IIPICSLQLQCVLCAIWLAVSPPVDIDEHTLHGHIIVCNKGSDTAFYCILGYLAACLALGFSLAF LAKN
 LPDTFNEAKFLTF SMLVFCVWVTF L P VYHSTKGKHMVAVEIF SILASSAGILGCIFVPKIYIILMLPER
 NSTQKIREKSYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

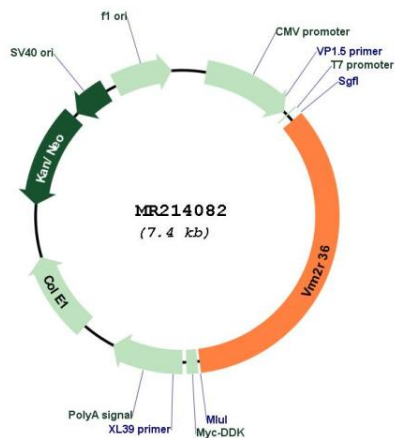
Sgfl-MluI

Cloning Scheme:



ACCN:	NM_001105068
ORF Size:	2556 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:	<ol style="list-style-type: none"> 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:	<u>NM_001105068.1, NP_001098538.1</u>
RefSeq Size:	2559 bp
RefSeq ORF:	2559 bp
Locus ID:	100042653
Cytogenetics:	7 A1
MW:	97.8 kDa

Product images:



Circular map for MR214082