

Product datasheet for **MR214121**

Vmn2r38 (NM_001105070) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn2r38 (NM_001105070) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn2r38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR214121 representing NM_001105070
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTACAGTTGATGGGAGTCTTCTTCTTTAACATTCCACTTTTTATGGCCAATTTTATTGATCCCA
 GGTGCTTTTGGAGAATAAATTTGAATGAAATTCAGGATGAATATTTGGGATTAACCTTGCTTTTCATCCT
 GGCAGCAGTTTCAGAAACCTATTGAGAAAGATTATTTCAACAAGACTCTGAATTTCTAAAAACGACTAAA
 AACACAAATACGCTTTGGCATTGGCCTTTGCAATGGATGAAATCAACAGGAATCCTGATCTTTACCAA
 ATATGTCTTTGATTATAAGATACACTTTGGGCCGTTGTGATGGGAAAACCTGTAATACCTACACCATTTT
 ATTTCAAAAAAACAAGCCCTATCCCTAATTATTTCTGTAATGAAGAGACTATGTGTTCAATTTCTG
 CTTACAGGACCAATTTGGGTGTATCTATAAGTTTCTGGAAGTACCTGGACAGCTTCTTATCTCCACGTA
 TCCTTCAGCTTACCTATGGGCCCTTCAGTTCATCTTCAGTGATGATGAACAATATTCCTATCTCTATCA
 GATGGCCCAAGGACACATCTCTAGCATTGGCAATGGTCTCCTTCATACTTTACTTCAACTGGAACCTGG
 ATTTGGCCTTGTCATCCAGATGACGATCAAGGAAACCAATTTCTTTTAGAGTTGAAAAACAGAGGGAAA
 ACAAGGAAATTTGCTTTGCCTTTGTGAAAATGATCTCTGTTGATGACATTTCAATTTGAACACAAAACCTGA
 AATGACTACAAACAAATTTGTGATGTCATCCTCAAATGTTATCATCATTTATGAGGAAACAAATCGATTTT
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 TGGTGGGATTTCTGGCTTTAAAGATTTGTACAGACATGGTCCATCTCAGAAGCAAAGATTTATATCTA
 GTAATGCCAGAGTGGAAACTTTAAATATGAATCCTCAGCATCTAAGTGTAAAACTGGAAGAACAAAT
 CATCTGATGCCTCATTGATTGGCTAATGGAACAGAAGTTGACATGGCCTTTAGTGAGAGTTGATAATCAA
 CATATATAATGCTGTGCATGCCATAGCCATGCACTCCATGAGATGAATTTGCAGCAGGTTGATAATCAG
 GCAATAGACAATGGGAAAGGAGCCAGTTCTCACTGCTTGAAGGTAACCTCTTTCTAAGAAAGATCCACT
 TCACTAATCCTCTTGGGAACAAAGTGATTATGAAACAAAGAGTAATAATGCAGGAAGAATATGACATTTT
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 CATGGTCGAAACTTTCACTTATATGTAGACATGCTTGGGTTGCCACAGGAAGTAGAAAGATGCCATCCT
 CTGTGTGACAGTGCAGAATGTAGTCTGGATTGAGAAGTTGTGGAAGGAGGGAATGGCAGCCTGCTGTTT
 TGTTTGCAGCCCCTGCCCTGAAAATGAAATTTCTAATGAGACAAATATGGATCAATGTGTGAATTTGCCA
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 CTTTGTGAAGTATCATGACACTCTATTGTGAAGGCAATAACAGAATCCTCAGCTACATATTATTGATA
 TCACTCATGTCCTGTTTTCTGTGCTCTTTTTCTTCAATGGTCATCCTAACAGAGCCACCTGTGTCTTAC
 AACAAATTACATTTGGAATTTGTGTTCACTGTGGCTGTTCCACAGTTCTGGCCAAAACAGTCACTGTGGT
 TCTTGCTTTCAAAGTACAGACCCAGGGAGAAGATTGAGAAACTCCTGGTATCAGGGACACCCAACTAC
 ATTATCCCATATGTTCCCTACTCCAATGTGTTCTGTGTGCTATCTGGCTAGAAGTTTCTCCTCCCTTTG
 TTGATTTGATGAACACTCTCAGCATGGCCACATCATTTGTGTGCAACAAGGGCTCAGTTACTGCATT
 CTACTGTGTCCTTGGATTCTTGGCCTGCTGGCACTGGGAAGCTTCAGTTTGGCTTCTTGGCCAAGAAT
 CTGCCTGACACATTCATGAAGCCAAGTTCTTGACCTTCAGCATGCTAGTGTCTTCAGTGTCTGGGTCA
 CCTTCTCCCTGTCTACCATAGCACCAAGGCAAGGTCATGGTTGCTGTGGAGATCTTCTCCATCTTGGC
 ATCCAGTGCAGGAATGCTTGGATGTATTTTGCACCCAAGATTTATATCATTTTAAATGAGACCAGACAGA
 AATTCTACCCAAAAGATCAAAGTTAGAAATTTCTACTCAAAGATCAAAGAAAAATCATATTTT

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR214121 representing NM_001105070
Red=Cloning site Green=Tags(s)

MFTLMGVFFFFNIPLFMANFIDPRCFWRINLNEIQDEYLGLTCAFILAAVQKPIEKDYFNKTLNFKLTKK
NHKYALALAFAMDEINRNPDLLPNMSLIIRYTLGRCDGKTVIPTPYLFHKKKQSPIPNYFCNEETMCSFL
LTGPNWGVSISFWKYLDSFLSPRILQLTYGPFSSIFSDDEQYSYLYQMAPKDTSLALAMVSFILYFNWNW
IGLVIPDDDDQGNQFLELKKQRENKEICFAFVKMISVDDISFEHKTEMYKQIVMSSSNVIIIYEETIDF
IDLIFRMWEPPVLQRIWITTKQWNFPTSKRDITHGTFYGSFLTFLPHGGISGFKDFVQTFHLRSKDLYL
VMPEWKYFKYESSASKCKILKNNSSDASFDWLMEQKFDMAFSESSHNIYNAVHAIHALHEMNLQQVDNQ
AIDNGKGASSHCLKVNSFLRKIHFTNPLGNKVMKQVRVIMQEEYDIFHFGNLSQHLGKVKLGKFSYPYS
HGRNFHLYVDMLEVATGSRKMPSSVCSAECSPGFRRLWKEGMAACCFVCSPCPENEISNETNMDQCYNCP
EYQYANTEQNKCIQKGVTFLSYEDPLGMALALMAFCFSAFTAVVLCVFVKYHDTPIVKANNRILSYILLI
SLMSCFLCSFFFIGHPNRATCVLQQITFGIVFTVAVSTVLAKTVTVVLAFKVTDPGRRLRNFLVSGTPNY
IIPICSLQLQCVLCAIWLEVSPPFVDIDEHSQHGHIIVCNKGSVTAFCVLFGLACLALGSFLAFLAKN
LPDTFNEAKFLTFSMVFFSVWVTFPLVYHSTKGKVMVAVEIFSILASSAGMLGCIFAPKIYIILMRPDR
NSTQKIKVRNSTQKIKEKSYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9100_d09.zip

Restriction Sites: Sgfl-Mlul

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.

RefSeq: [NM_001105070.1](#), [NP_001098540.1](#)

RefSeq Size: 2586 bp

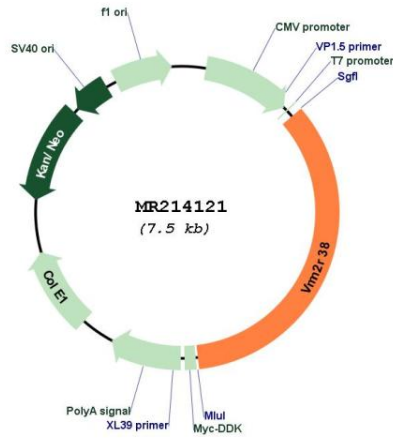
RefSeq ORF: 2586 bp

Locus ID: 434110

Cytogenetics: 7 A1

MW: 98.7 kDa

Product images:



Circular map for MR214121