

Product datasheet for MR224889

Vmn1r8 (NM_134187) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r8 (NM_134187) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r8
Synonyms:	V1rc32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224889 representing NM_134187 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTCATTCAAAAATGTTCTTTATTTCCAAACCGGACTTGGAGTCCTAGCCAATACAGTTCTTCTGT
TTTTCTATGTTTTATAATCCTAGGTCACAGACCTAAGCCACAGACCTGATCTCCTGTCAACTGTCCTT
TGTGCACATAATGATGGTTCTCATTGGAGGGGATATTTTGCTGCAGACATATTTGAGTCACTGAACATT
GGGAATGACTTCAAATGCAAGACAACATTCTACTTATTCAGAGTGATGAGAGGCCTCTATCTGCATCA
CCTGCCTCCTGAGTGTGTCCAGGCTGTCATATCAGTCCAATACCTCTGTGTTGGCAAAATTTAAACA
AAAAGTAAAAAATACATGACCCATGTTTTCTTATGTATTTGGTTTTTCAATTTGTCTTTAGTACTAAC
CGGATCTTTTATGTTGGTGGTTTTACGAATGTGAGTGAGACCAACCAGATGCAGGTCACTAAATCCTGCT
CACTCTTACCCATGAACCACATCACCAGGGGACTTATTTTTACAATATCAATCTCCAGAGATGTGTTTCT
GGTAGGAGTCA TGCTGACTACAAGTGTATACATGGTTATTTTCTGTTTCAGGCATCAGAGGCAATGCAAG
CATCTTCATAGCTTCAGCCACCTGAGAGAGTCCCCTGAGAAAAGGGCCACGCAGACTATCGTGCTGCTGG
TGTCTTTCTTTGTTGTCATGTACTGGGTGGACTTCATCATCTCATTTACCTCAGACATGATATGGATGTA
TGACCCAGTCACTCTGACTCTTCAGAAGTTTATGATGTATGCCTATCCCACAGTTACCCCTTTGGTACAA
ATCAGTTCTGATAACAGAATAAATTATGCTGAAAAATATTCAGTCAAAGCACCATTTGAGTTTTTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR224889 representing NM_134187
Red=Cloning site Green=Tags(s)

MSSFKNVLYFQTGLGVLANTVLLFFYVFIILGHRPKPTDLISCQLSFVHIMMVLIGGDILLADIFESLNI
 GNDFKCKTTFYLFRVMRGLSICITCLLSVFQAVTISPNTSVLAKFKQKVKYKMYTHVFLCIWFFNLSFSTN
 RIFYVGGFTNVSETNQMQVTKSCSLLPMNHITRGLIFTISISRDFVLGVMLTTSVYMVIFLFRHQKQCK
 HLHSFSHLRESPEKRATQTIIVLLVSFFVVMYWVDFIISFTSDMIWYDPVILTLQKFMYYAYPTVTPLVQ
 ISSDNRIIIMLKNIQSKHHL SFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9063_d05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_134187

ORF Size: 909 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:

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_134187.4](#)

RefSeq Size: 1217 bp

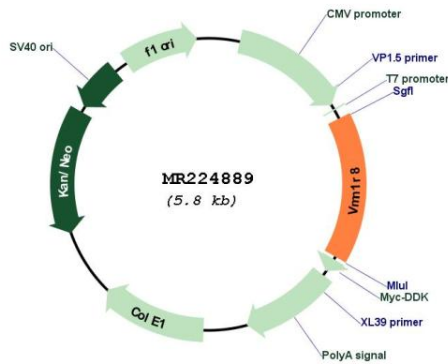
RefSeq ORF: 912 bp

Locus ID: 171205

Cytogenetics: 6 B3

MW: 35 kDa

Product images:



Circular map for MR224889