

Product datasheet for MR223310

Vmn1r193 (NM_134225) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Vmn1r193 (NM_134225) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Vmn1r193
Synonyms: V1ri9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR223310 representing NM_134225
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCATGTTTACTTCCTTGTGTTTCTGAAAAGGTTTTCTAGTTCTGAGCATGAAGATGATTTGGAGTG
 ACCTCATCGAGGGGACAATTTTCCTTTCACTTGTGGACTTGGAGTTTTAGGAAACAAAATCTTATTTGT
 AAGACATTTGTATGCAGTCATCATGGGTCCTGAGAACAAAATTATAGATGTCATTCTCATCCACTTGGCT
 TTTGTAACACAATCATTATTTATTGCATAGGGGTCAGAAACATAGCCACAGTTTTTACATCAGAAACT
 TCCTGGGTGATGTTGGTTGTAACACTATAATTTATCTAGAAAGGGTTGCCCGTGGCCTCTCCATCTGCAC
 CACCTGTCTCCTCAGCGTGGTCCAGGCTGTCACCATCAGTCCCAGGACCACACTGTGGAGAAAGCTCAAA
 CCACAGACCACATGGCATGTTCTTGTCTTTCTCATCCTCTTTGGATATTTAATTCCTGATAAGCTCCA
 ACTTGCTTCACTATATCACAGCAGGCAGTAGCATGAACAGGTCTGTAGTTGGGATGTTTACTGGGTATTG
 CTATATGCTGCCATCCAGGCACACAGTTAAGTGGCTGTTCTTTCTTTCATGGCTCTTCGTGACGTCATT
 TTCCAGGGTCTCATGGGCTGCAGCAGTGGGCTATGTCTCTCCGTCTGTACAAACATCATGTCGGTGCC
 TCTATCTTTACAGCTCAGGGTCTGCAACAATTCAGGCCAGAAATCAGAGCTACACAGAGGGTTCTCAC
 TCTCATGACCTGTTTCTTTCTTTTATTTGGCAGATTTTCTCTTATAACAGGTTCCACTGTG
 ACACGTGACTCCACAATACTAAATATTAAGCATTTTTAGTACTTAGTTATGCTGGTCTCAGCCCTTTTA
 TCCTGATCATCAAGGATATTTGTGTTCTTAAGACCTGCTGTGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR223310 representing NM_134225
Red=Cloning site Green=Tags(s)

MSCLLPVCSEKVFVLVSMKMIWSDLIIEGTIFLSLVGLGVLGNKILFVRHLYAVIMGPENKIIDVILIH
 FVNTIIICYIGVRNIATVFYIRNFLGDVGCKTIIYLERVARGLSICTTCLLSVVQAVTISPRTTLWRK
 LK PQTTHVFLVFLILFWIFNSLISSNLLHYITAGSSMNRSVVGMFTGYCYMLPSRHTVKWFLSFMAL
 RDVI FQGLMGCSGSMRLRYKHHVRVLYLYSSGSANNSRPEIRATQVRVLTMTCLFFYLADFI
 FSLYTGSTV TRDSTILNIKAFLVLSYAGLSPFILIIKDICVPKTCCVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9080_h06.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_134225

ORF Size: 957 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_134225.1](#), [NP_598986.1](#)

RefSeq Size: 960 bp

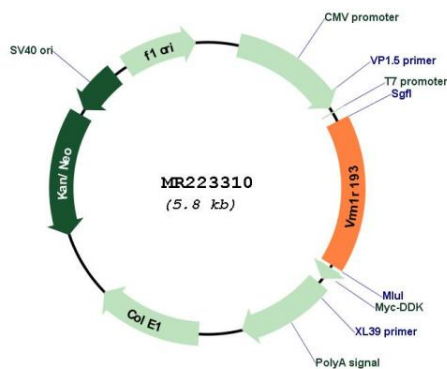
RefSeq ORF: 960 bp

Locus ID: 171259

Cytogenetics: 13 A3.1

MW: 36 kDa

Product images:



Circular map for MR223310