

Product datasheet for **MR223605**

V1rd19 (NM_207619) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: V1rd19 (NM_207619) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: V1rd19
Synonyms: Vmn1r182
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR223605 representing NM_207619
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTACTCACGATACATCCCTGAAAACCACTGAGGAAGTGGCTTTTCAGATCATCTTGCTTTGCCAGT
TTGGGGTTGGGACTTTTGCCAATGTATTTCTCTTTGTCTATAATTTCTCTCCAATCTCGACTGGTTCTAA
ACAGAGGCCAGACAAGTGATTTAAGACACATGGCTGTGGCCAATGCCTTAACCTCTCTCCTCACTATA
TTTCCAAACAACATGATGACTTTTGCTCCAATTATTCCTCAAACCTGACCTCAAATGAAATTAGAATTCT
TCACTCGCCTCGTGGCAAGAAGCACAAACTTGTGTTCAACTTGTGTTCTGAGTATCCATCAGTTTGTCCAC
ACTTGTTCCTGTTAATTCAGGTAAGGAATACTCAGAGCAAGTGTCAAAACATGGCAAGTTATTCTTGT
TACAGTTGTTGGTTCTTCAGTGTCTTAAATAACATCTACATTCCAATTAAGGTCAGTGGTCCACAGTTAA
CAGACAATAACAATAACTCTAAAAGCAAGTTGTTCTGTTCCACTTCTGATTTTCAGTGTAGGCATTGTCTT
CTTGAGGTTTGCCCATGATGCCACATTCATGAGCATCATGGTCTGGACCAGTGTCTCCATGGTACTTCTC
CTCCATAGACATTGTGAGAGAATGCAGTACATTTCACTCTCAATCAGGACCCAGGGGCCAAGCAGAGA
CCACAGCAACCCATACTATCCTGATGCTGGTAGTCACATTTGTTGGCTTTTATCTTCAAGTCTTATTTG
TATCATCTTTACACCTATTTTATATATTTCTCATCTCCCTGAGGCATTGCAATGACATTTTGGTTTCG
GGTTCCCTACAATTTCTCCTTTACTGTTGACCTTCAGAGACCCTAAGGGTCTTGTCTGTGTTCTTCA
ACTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR223605 representing NM_207619
Red=Cloning site Green=Tags(s)

MSTHDTSLKTTEEVAFAQIILLCQFGVGTAFANVFLFVYNFSPISTGSKQRPRQVILRHMAVANALTLFLTI
 FPNNMMTFAPIIPQTDLCKLEFFTRLVARSTNLCSTCVLSIHQFVTLVPVNSGKILRASVTNMA5YSC
 YSCWFFSVLNNIYIPIKVTGPQLTDNNNSKSKLFCSTSDFSVGIVFLRF AHDATFMSIMVWTSVSMVLL
 LHRHCQRMQYIFTLNQDPRGQAETTATHILMLVVTFVGFYLLSLICIFIYTYFYISHHSLRHCONDILVS
 GFPTISPLLLTFRDPKGPCSVFFNC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_207619

ORF Size: 915 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_207619.2](#), [NP_997502.2](#)

RefSeq Size: 918 bp

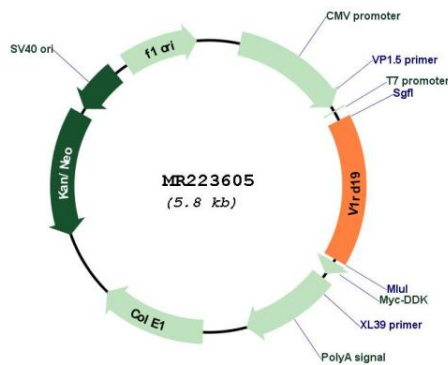
RefSeq ORF: 918 bp

Locus ID: 404287

Cytogenetics: 7 A3

MW: 34.5 kDa

Product images:



Circular map for MR223605