

Product datasheet for MR223632

Vmn1r148 (NM_030736) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vmn1r148 (NM_030736) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vmn1r148
Synonyms:	V1rd14; V3R8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223632 representing NM_030736 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGCTCATGGTAAATCCGTGAAAACCACTGAGGAAGTGGCTCTTCAGATCCTTTTGCTTTGCCAGT
TTGGGATTGGGACCGTGGCCAATGTCTTTCTGTTGTCCATAATTTCTCTCCAGTCTTGACTGGTTCTAA
ACAGAGGCCAGACAGGTGATTTAAGCCACATGGCTGTGGCCAATGCCTTGACTCTATTCCTCACTATA
TTCCAAACAACATGAGTGCTTTTGTCCAAAACCTCCAACCTGAACCTCAAATGTAATAGAAATTCT
TCAGTCACATGGTGGCAAGAAGCACAAATTTGTGTCCACCTGTGTCTGAGTGTCCATCAGTTTGTCCAC
TCTTGTTCTGTTAATAGAGGTAAGGTAACCTTATACTCAGAGCAAGTGTCCAAATTTGCGAATTAT
TCTTGCTACAGTTGTTGGTTTTTCAAGTGTCTTAAGTAACATCCACATTCCAATTAAGGTCAGTGTCCAC
AGATAATAGACAATAACACTGACTCTAAAAGCAACTTGTCTGTTCCACTTCTGGATTCAATGTAGGCAT
TGTCTTCTGCAGTTTTCCCATGATGCCACATTCATGAGCATCATGGTCTGGACCAAGTGTCTCCATGGTA
CTTCTCTCCATAGACATCGCCAGCGAATGCAGCACATCTCACTCCAATCAGGATGCCAGAGGCCAAG
CTGAGACCAGAGCAACCCATACTATCCTGATGTTGGTGGTCACATTTGTTAGCTTTTATCTTCTAAATTG
TATTTGTATCATCTTTATGCTTTTCTATACATTCTCGTCTCTCATAAGGCTTGTGAGTGGTTCTG
GCTGCAGTCTTCCCAGTATCTGCCCTTACTGTTGATCTTCAGAGATCCTAAAGATCCTTGTCTGTGC
TCTTCAAATGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR223632 representing NM_030736
 Red=Cloning site Green=Tags(s)

MSAHGKSVKTTEEVALQILLLCQFGIGTVANVFLFVHNFSPVL TGSKQRPRQVILSHMAVANALTLFLTI
 FPNMMSAFAPKTPPELTKCKLEFFSHMVARSTNLCSTCVLSVHQFVTLVPVNRGKGLILRASVPNFANY
 SCYSCWFFSVLSNIHIPIKVTVPQIIDNNTDSKSNLFCSTSGFIVGIVFLQFSDATFMSIMVWTSVSMV
 LLLHRHRQRMQHILTPNQDARGQAETRATHILMLVVTFVSFYLLNCICIFHAFSIHSRLFIRLVSEVL
 AAVFPSICPLLLIFRDPKDPKCSVLFKC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9062_d07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_030736

ORF Size: 921 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_030736.2](#), [NP_109661.1](#)

RefSeq Size: 2439 bp

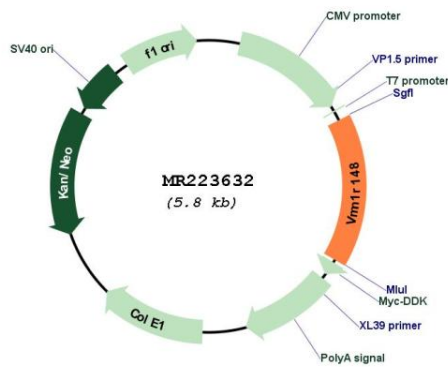
RefSeq ORF: 924 bp

Locus ID: 81011

Cytogenetics: 7 A3

MW: 34.4 kDa

Product images:



Circular map for MR223632