

## Product datasheet for MR216309

### Vsig2 (NM\_020518) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vsig2 (NM_020518) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vsig2
Synonyms:	1190004B15Rik; 2210413P10Rik; AU040484; Ctm; CTX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR216309 representing NM_020518 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCTGGCCCCTGGTGGGGCTTTCCTTTGCGGGCACTTGCTGGGCTTCGTGTGCCTGAGCGGGCTAG  
CTGTGGAGGTGACTGTGCCACTGAGCCACTGAGCGTGCCAAAGGGTAAGACGGCCGAGCTGAGCTGCAG  
TTACAAAACATCGGTGGGCGACAACCTTTCCTTGGAGTGGAGCTTTGTGCAGCCTGGGAAGCCCATCTCT  
GGTCCGTGCCGTTCTGTACTTACCAATGGCCACCTGTATCCCACTGGCTCTAAAGCAGATCGGGCCA  
TCCTTCTCCACGATCCACCCACAGGAGGACTGGCTACCCTGAAACTGACTGACCTCCGCCCTCAGACAC  
TGGGACCTACCTCTGCAATGTTAACAACCCACCAGATTTCTACACCAACGGTTGGGGTTAATCAACCTT  
ACTGTGCTGGTGCCCCCAGTCACCCCTTATGCAGCCAGAGTGGGCAAACCTCTGTGGGAGTTCCTGCTG  
CACTGGGATGCCGCTCCTCTGAGGGAGCACCCAAGCCAGTGTACAACCTGGGAACGCTCTCGGATCTTCTCC  
TACACCTCCTCCTGGTAGCATGGTTCAAGATGAAGTGTCCGGCCAGCTCATTCTTACCAATCTCTCCCTG  
ACCTCCTCTGGCACCTACCGATGTGTGGCCAGCAACCAGATGGGCAGTGCCTCCTGTGAGCTGAACCTCT  
CCGTGACTGACTCATCTGAAGGCCGAGTAGCTGGGACTCTATTGGGGTGTCTGTTGGAGTGTCTGCTCT  
GTCAGTCGCCGATTCTGCCTCATCAGGTTCCAGAAAGAGAGGAAAAAGGAGCCCAAGGAGACCTATGGG  
GGTAGTGACCTTCGGGAGGATGCAACCGCTCCTGGGGTTTTTGTAGCAAGCTTCTATGAGAGCCGATCATA  
GCAAAGAGCTCCTGGAGAAGTCTCCATGTGCCAGCACCATGACCACCACTAAGTCCAAACTCTCTATGGT  
TGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR216309 representing NM\_020518  
Red=Cloning site Green=Tags(s)

MAWPLVGAFLCGHLLGFVCLSGLAVEVTVPTEPLSVPKGKTAELSCSYKTSVGDNFALEWSFVQPGKPIS  
 ASVPVL YFTNGHLYPTGSKADRAILLHDPPTGGLATLKL TDLRPSDTGYL CNVNNPPDFYTNGLGLINL  
 TVLVPPSHPLCSQSQGQTSVGGSAALGCRSSEGAPKPVYNWERLGSPTPPPGSMVQDEVSGQLILTNLSL  
 TSSGTYRCVASNQMGASCELNLSVTDSSSEGRVAGTLIGVLLGVLLL SVAAFCLIRFQKERKKEPKETYG  
 GSDLRE DATAPGVFEQASMRADHSKELLEKSPCASTMTTTSKLSLMV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9028\\_d08.zip](https://cdn.origene.com/chromatograms/mm9028_d08.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_020518

**ORF Size:** 984 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\\_020518.2](#), [NP\\_065264.2](#)

**RefSeq Size:** 1170 bp

**RefSeq ORF:** 987 bp

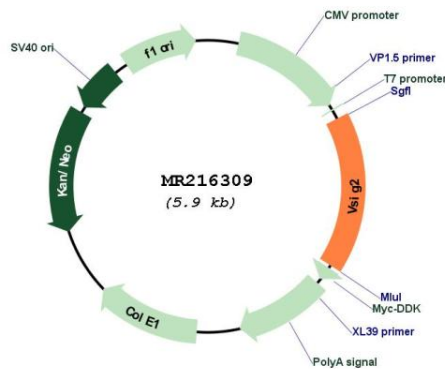
**Locus ID:** 57276

**UniProt ID:** [Q9Z109](#)

**Cytogenetics:** 9 A4

**MW:** 35 kDa

**Product images:**



Circular map for MR216309