

## Product datasheet for **MR216024**

### Vwa5a (NM\_172767) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vwa5a (NM_172767) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Vwa5a
Synonyms:	5830475I06Rik; AW552491; BCSC-1; E130119J22; Loh11cr2a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>MR216024 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGCATCACTGTGGTCTAATCACTAGCAACAAAGAGACAGTACCCTGAAAAATATCTCAGTAACAT  
TGCCATCAATGAATTTGTGGCTGCTGTGGTGGCAACCTTAAATTACGAGAATGAGGAGAAAGTCCCAT  
AGAGGCGACCTTTGTGTTTCTATGGATGAAGACTCTGCTGTCTACAGCTTTGAAGCCTTGGTGGATGGG  
AAGAAAATTGTGGCAGAGTTGCAGGATAAGATGAAGGCTCACAGCGAGTATGAGGAAGCCCTCTCCAGG  
GCCACCAAGCATACTTATTGGAAGAGGATGACTATTCCAGAGATGTCTTTTCTTGAACGTGGGGAACCT  
GCAGCCTGGAGCTAAGGTTGCAGTTACCCTGAGGTATGTGCAGGAAGTCCCTTGGAAACAGATGGGGCC  
CTGCGCTACCTGCTCCAGCAATCTTGAATCCAAGATATCAGCTCTCTGAACAGTCAGCAAACAGTTGCT  
TGAACATCCAGAAACCCACAGTCCCTTTGGAAGACCTGCCTTACACACTCAACATGACTGCCACCATCAC  
TTCCAGCATGGTATTGAAAGGGTCCAGTCCAAGTCTCTTTGAGCCCTATTCAGTACCTTACAGATGAC  
AAGACTTCTGCTCAGGTTTCTTACTGACTGAAGGGCACAAGTTTGACCGGGATGTGGAACCTCTGATTTACT  
ACAATGAAGTGCACAGCCCCAGTGTAGCTGTGGAATGGGGATGCTGGACATGAAGCCAGACAGTTTGT  
GGGAGCTCCTTCTGCAATGGTGAAGTTTCTACCCAGATATCCAGAAAGTGGAAAGCCTCAAAGGCTGTGGA  
GAATTTGTGTTTCTATGGACCGTTTCCAGAAAGTATGGACTCCCCCATGAGCACAGAGAACAATTTCTCAGC  
TACGCATCGAGGCTGCCAAGGAACTCTGTTGCTGTTGCTGAAGAGTTTGCCTATGGGTTGTTATTTTAA  
TATCTATGGATTTGGATCTTCTATGAGAAATCTTTCCGGAGAGTGTGAAGTACACTCAGGATACAATG  
GAGGACGCAAGTAAAAGAGTGAAGGCTTTAAAAGCCAACCTAGGGGGTACTGAAATCTTGACACCCCTCT  
GCAACATTTACAAGGCATCCTCCATTCTGGTCACTCCCTACAGCTCTTTGCTTTCAGGATGGAGAAGT  
GAGTGACACATTTAGTGCATTAGAGAAGTTAAGTTAAACAGCAAGAAACACAGATGTTTCTCTTTTGGAA  
ATTGGACAAGGAGCCTCGACCAGTTTAATCAAAAATATCGCCCGGTATCAGGGGGTACTGCAGTGTTTA  
TCACAGGCAAGGACAGGATGCAGACCAAGGCTCTTGGGCTCTCAAGTTTGTCTACAGTGTGCAGTGGAA  
TAACATCTCTAAGTTGGGATTTGCCTCCTGGTTTGTCTGTTAAATGCTTTCTCCAGAGCAACTTACC  
ATCTTTAGGGGTGAGGTTAATCATCTATGCACAAGTACTGGGCTTATGCCTCAAGTGGAGAGCACAG  
GAGCAGTGTGCCTCAAGCACATCCTCCAGGATAGGAGTCTGAAAAACAGGGTGCATTTTCCCTGCAACC  
CAAGGCAATGACAATTTACCATTTCATCGTTGGCTGCAAAGTCTTGTATTCAGACTAAGGATTTTGGAA  
TCCAGGAGGCTCAAAGAAGAAAAAGAAAGATGTGATGAACATCAGCCTTCAGTCTGGAGTCTTACGCT  
CCTTACAGCCTTCAATGCCATAAACAAGGAGCTGAACAAACAGTGCAGGGGCCCTGGCCACAGAGT  
GATTCCTAGGCCAGTGTGGCTGGATCTAGTAGTATGCGGTTCTACTCCAGTTTCTCTGGTGGCTTTAAA  
GGCCACAGCCAAGAAGTTTACGTGTACCAGCATATGATTTATGTTTACAGCAGAAAGTGTAAATCTTGTCC  
TCAAAAAATCTGCGTGTCTGCTATACAGAAGAAAAAGACAAATCTTCTACCAATAAAAGCAACTTGAA  
AAAGGAACACAAAGCATTGGAGAGAATGCTGTGGTGCAGCTGATTTCTTCCAAAAGGCAAAATGGCTCC  
TGGGAGCTAGATGAAGATTTGACCAAGATCCTGGGCACTAAGTCAAAGACATCAAGGCTGCAAACCCCTG  
CCAAGCATGAGGACCCCTCAGCCTGGTCCACAGTGTGGCTGTGGTCTGGTTGCATGCCAACGGCACAGA  
CTTAAAGTGTGAATGGGAGCTTCTGAAAGGAAGGCTGTGGCCTGGCTTTCATGACCATGCAGGTTCTCTC  
ATCCCCATGCTTGTGCAAGCTGCCAATAGTCTCCTGAAATATCTGTGAATCCTGCTGTCTTTGGCGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR216024 protein sequence  
Red=Cloning site Green=Tags(s)

MEHHCGLITSNKETVPLKNISVTL SINEFVAAVVATLNYENEKVPLEATFVFPMEDESAVYSFEALVDG  
KKIVAE LQDKMAHSEYEEAL SQGHQAYLLEDDYSRDVFS CNVGNLQPGAKVAVTLRYVQELPLETDGA  
LRYLLPAILNPRYQLSEQSANSCLNIQKPTVPLEDLPYTLNMTATITSQHGIERVQSNCSLSPIQYLTDD  
KTSAQVSLTEGHKFRDVELLIYYNEVHSPSVAVEMGMLDMKPD SLMGAPSAMVSFYDPDIPEVEASKACG  
EFVFLMDRSGSMDSPMSTENNSQLRIEAAKETLLLLL KSLPMGCYFNIYGFSSYEKFFPESVKYTQDTM  
EDAVKRVKALKANLGGTEILTPLCNIYKASSIPGHPLQLFVFTDGEVSDTF SVIREVKLNSKKHRCFSFG  
IGQGASTSLIKNIARVSGGTAVFITGKDRMQTKALGSLKFALQCAVDNISLSWDLPPGLSVKMLSPEQLT  
IFRGQRLIIYAQLTGLMPQVESTGAVCLKHILQGRSLENRVTFSLQPKANDNFTIHRLAAKSLIQTKDFG  
SQEASKEEKEDVMNISLQSGVLSSTAFIAINKELNKPVQGPLAHRVIPRPVMAGSSSMRFYSSFSGGFK  
GPQPRSLRVPAYDLCSAESANLV LKKSACSAIQKKKTNSSSTNKS NLKKEHKAFGENAVVQLISLQKANGS  
WELDEDLTKILGTKSKDIKAANPAKHEDPSAWSTVLAVVWLHANGTDLKCEWELLERKAVAWLHDHAGSS  
IPMLVQAANSLKLSVNPVAVFGV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



**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\\_172767.3](#), [NP\\_766355.3](#)

**RefSeq Size:** 4157 bp

**RefSeq ORF:** 2382 bp

**Locus ID:** 67776

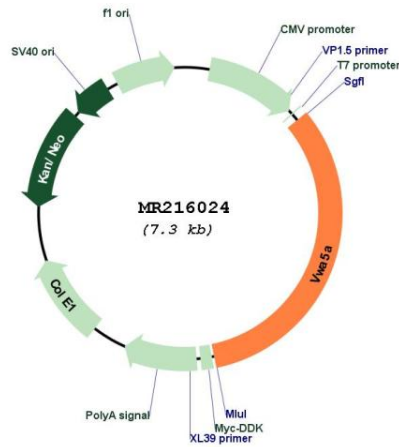
**UniProt ID:** [Q99KC8](#)

**Cytogenetics:** 9 A5.1

**MW:** 87.1 kDa

**Gene Summary:** May play a role in tumorigenesis as a tumor suppressor. Altered expression of this protein and disruption of the molecular pathway it is involved in may contribute directly to or modify tumorigenesis (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR216024