

## Product datasheet for MC223977

### Vwa5b1 (NM\_029401) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Vwa5b1 (NM_029401) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vwa5b1
Synonyms:	4931403E03Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223977 representing NM_029401 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCTGGCTGCTGAACTGCCTCACAGGGCAGCCCTGCCTCATGGAATCCGATGTCACCTCCTATG  
TCAGTGGCTATGCCCTGGCCTGACAGCCTCCCTCACCTACGGCAACCTGGAGGCCAGCCCTTTCAAGG  
TCTCTTCTGTATCCAATAGACGAGTATAGCACAGTGGTTGGCTTGAAGCAGTCATTGCTGACCGTGT  
GTGACCATACAGCTCAGAGACAAAGCCAAGCTGGACAGAAGCCACTTGGATATCCAACCCGCCACTGTCA  
CAGGGAACCTTCCGGAAGAGGAGAGTCCCATCGCACCAGGAAAGGTGACCTTGGATGAGGATCTGGAGCG  
GGTTCTGTTCGTGGTCAACCTGGGGACATTGCCCCATGGAGAATGTCACCGTCTTCATCAGCACCTCC  
TCCGAACCTCCACACTGCCAGCGGGGCTGTGAGGGTCTTCTGCCGGCCATCTGCGCCCCGACCGTGC  
CTCCATCTGTACCCACAGGTTTGGCTCCTCCAGCCCACAGCCACAAGGCAAAGACCCACACTGCTTCGG  
CACCCAGACCAAGGACTCCTATAACAGGCTGTGTCTGGCCACTCTCCTGGACACAAGGTGACCAACCCA  
ATGGAATATGAATCAAATTTTCAGCTGGAATCCGTGGCCCTGTCTGCTCGCAGGGTGGAGAGTCCCA  
CTCATGAAATCCGAGCAGACGCGCCCATCGGCACACTCCGCCAAGAGCATCATCAGTTGGCCAA  
AAAACATACCTTTGACCGCCAGTGGAGATTCTTCTCCACCCTAGCGAGCCTCACATGCCACACGTCCTG  
GTGGAGAAAGGGGACATGACCCTGGGGGAATGACCAGCACTTGAAGGAAAAGCAGATTTTCATTCCGGG  
GGACAAAGAAGGACAACAGCGCGGAGCGGAAGACAGAAGTATCCGGAAGCGTCTCCACAAAGACATTCC  
CCACCACTCAGTCATCATGCTCAACTTCTGTCTGACCTCCAGTCTGTGCAGCCCAACCCGAGGAAAGCC  
CACGGGGAGTTTATCTTCTCATTGATAGGAGTAAACAGCATGAGCAAGACCAACATCCAGTGCATCAAGG  
AGGCCATGCTGGTGGCCCTCAAGAGCCTCATGCCAGCGTCTTCTCAACATCATTGGTTTTGGATCCAC  
ATTTAAGGCAGTCTTTGCTTCCAGTCGGATCTACAATGAGGAGAAGTCCAGTGGCATGTGACTGCATC  
CAGAGAATGCAGGCTGATATGGGAGGCACCAACATGCTCTCCCCCTCAAGTGGGTCTGCGGCAGCCAC  
TGGCCCGGGTACCCACGGCTCCTTCTGATCAGGATGGGTCCGTGAACAACAGGGAAGGTTCT  
GGAGCTGGTACGGAATCACGCCTTCTACCAGGTGCTATAGCTTTGGAATTGGACCCACGGTCTGCTAC  
CGACTGGTCAAAGGGCTGGCATCTGTATCCAAGGGCAGCGCAGAGTTCCTGATGGAGGGGAACGGCTGC



[View online »](#)

AACCAAAGATGGTCAAATCCTTGAAGAAGGCCATGGCGCCAGTGCTGAGTGACGTGACTGTGGAGTGGGT  
CTTTCCCAGACCACGGAGGCCCTGATCTCTCCTGTCAGCACCAGCTCCCTTTTCCCTGGGGAACGGCTG  
ATGGGATATGGCATTGTGTGTGATGCCTCCTTGTACATTTCCAATTCCAGATCTGACAAAAGGCGAAAGT  
ATGGCATGCTGCACACTCAGGAGTCCAGCAGCTCCGTCTTCTACCCTCACAGGACGAGGGACTCAGCCC  
AGGCAGTGGAACTGTGCCAAGAACGTCAACCAGGGGCAGACCAAAGATGCCATCCATGCAATGGAGAC  
TCCCCACCCATCAGGTCTGGATGTCTCCGGCGGGAGAGCATAACAGCACTAACCCAGATCTCCAGCC  
ACAAGACTTGCCCAAGGGCTACCACAGCCAGCCACCACGGGACTGCCAGGAGATACCCACTGCGAAA  
AGCCAAGGTGCAAGACCTTGCCAGTGAGAGCGACTGGGAGAGCCAGAAGTGGCAGACTGATCTGCAGACC  
CTACTTAACGAAGGCCATAACCTGAGCCAGGGCCCAAACCTCATGGCCAGGAGCCCGCAGGCCTTCCC  
TACTGCCTCAAGGCTGCCAGCTCATGCGTCTTTGACCAGAAGCCCGAGGCCTGGGGCCCTGTGAGAGA  
GCTGGATTGTGGTGCCAGCCGGACGTCTGCCCTAACAGCCAAAGCTCTGAAGATCTGGCCATAGAGCCA  
GCCATTGTCTTCAACCTTTGAACGGGAGACATCCTTAGACTTGGAGCCCATGGCTGAGTCCGAGGAGC  
AAGCCAATCCCTGCAGGACTGCCACTCCAAGCCCTGTGGTGGCAAGGCTTTGGTCAAAGGCCTGTGCGC  
CAACCAACGCATGCAGTGGGAAGTGAGCTTCGAGCTGGAGCCTCCAGCCCTGAAGAGGGGGACACACAG  
AACGCTGACATGTGGAGTGAGACTTTCCACCACCTGGCGCCCGGCCATCATCCGAGAATTCGAGCATC  
TGGCAGAGCGCAGGACGAGATCGAGCTGGGGTCCAATCGCCGATACCAGGTGAACGCCCTGCACACCAG  
CAAGGCCTGCAGCGTGATCAGCAAATACACGGCCTTTGTGCCTGTGGACATAAACAAAGAGGCAGTACCTG  
CCCACGGTCGTAAGTACCCCAACTCTGGTGCCATGCTCAGCTTCCGGAACCTGACTCGACAGTGGGGGG  
GCTCTTCGGCTGGCCTGGGAAGGCCAGTCTATGCTCAGAGAACACTCCTCAGCCGAGGAGACAGCAA  
ATTCCAGACTCTAGCCCTACAAGACAGCCCTACTTCAACCTTCAATAAAACCCCATCCCCCGCCATGAG  
AAGCAAACCACGGCAGAAGGTCCCCCTCAAACCTGTCCGCCAGCGCTCCATCCTCCATGAAGGCCACTG  
AGACTCTCTTTGGATCTAAGTTGAATCTCAACAAATCCAGGCTGCTGACCCGAGCTACCAAAGGCTTTCT  
CAGCAAATCGTTGCCAAGGCTTCAGAGGCAACCCAGGCAGCCAGAGCTCTGACTACATACCAGTGGTG  
TCTCTGCAGCTGGCCTCGGGAGCCTTTTGGCTCAATGAAGCCTTCTGCAGACCATCCAAATCCCATGG  
AGAAACTCAAGTGGACCTCACCTTCTCCTGCCTCCGAATGTCCCTCGTACCCGCCGACAGGATCTGAA  
GACCCAGAGTCCACAGGACTGCACCAGTCTCCTCTTACACCCCATCCTGTGACGGCATCTCCCTAAAG  
TCTGAAGAGAGCTCAGACCAGGAGTCCAATGCAATGCTGGAGCACATGGGAAAGCTGTGGCCACGGTGG  
TGGCGTGGCGTGGTGGAAACACAGCTCAGCTAACTACATCATTGAGTGGGAGCTGGTGGCTGCCAAGGC  
CAGCTCCTGGGTGGAGAAGCAGAAAGTTCTGAGGGCCGACCTTGAGCACTCTCAAGAACACTGCTCGC  
CAACTCTTTGTGCTTCTGCGACTGGGATGAGAAATTAGAGTTCAATATGCTCTGTTACAACCCCAATT  
ATGTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_029401

**Insert Size:**

3648 bp

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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\\_029401.1](#), [NP\\_083677.1](#)

**RefSeq Size:** 3857 bp

**RefSeq ORF:** 3648 bp

**Locus ID:** 75718

**UniProt ID:** [A9Z1V5](#)

**Cytogenetics:** 4 D3