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# Product datasheet for RN212899

## Vwa5b2 (NM_001134535) Rat Untagged Clone

### Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | Vwa5b2 (NM_001134535) Rat Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | Vwa5b2 |
| **Synonyms:** | RGD1564491 |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |
| **Cell Selection:** | Neomycin |

**Fully Sequenced ORF:**

>RN212899 representing NM_001134535
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCGGCCTGTACTGCCCCACCAGCTGGACGCCGCTGCCACTCACCGACTCCTGCGTCCGGGCCTATG
CCAAGGGACCCTGCCTCAGCCTGCGTGCCCGGCTCACCTACCACAACCCGCAGCCCCAGCCGGTGGACGG
CGTGTTCGTGTACCCTCTGGCTGAGGCGGAGGTGGTATCTGGCTTCGAGGCTGAGGCGGCCGGACGGCGC
GTCTCCTTCCAGCTGCAGAGCCGGCGCCGATTACAGGCTGCCTGCTGTCGTGCTCTGGGCCCGGGACTGG
GGACCTCTACGCCCCGCCGCTGCGCACAGGGTCATCTTGTCTTGGATCTGGCCCAAGCCCGGTCCACACT
GGTGTTGCCCACTGGCCTTGTGGCTGCAGATGGTGCCATGACAGTGACCCTGTGCAGCAGCCGGGAGTTG
CCCTCCAGGCCTGATGGGGTGATGCATGTGGCCCTGCCCACTGTGTTCACCCCACTGGCCCAGCCAAACC
TGCCAGGGTCCCCCAGATCTCCGGGGCTCTGTGACGACAGCCCCACCAGCTGCTTCGGGGCAGGCAGCCC
TGAGGAGGAAACGCTGAGCTGGGAGCAACCAACTGCCCCTCCGGACGTGTTCTCAGGCCCTGCCCGCTGT
CCTGCTCCGTATACCTTCTCTTTCGAGATGCTAGTGACAGGACCATGTCTGTTGGCAGGCCTGGAGAGCC
CTTCTCATGCTCTGCGTGCAGATGCCCTCCCTCACGCCAGTTCTGCAGCAACTATCTGTGTCACCCTGGC
AGAAGGCCACCAGTGTGACCGGGCCTTGGAGATCCTCTTGCACCCCAGTGAGCCCCATCAGCCACACTTG
ATGCTGGAGGCTGGCAGCTTGAGCTCAGCAGAATATGAGGCCCAAGTGAGGGCCCGCCATGACTTTCAGA
GGCTGCAGCAAAGAGACAATGATGGGGACCGACAGGTGTGGTTCCTACAGCGACGTTTCCATAAGGACAT
CTTGCTGAACCCTGTGCTGGTGCTGAACTTCTGCCCAGACCTGAGTGCCAAGCCTGGACACTTGAATGCA
GCTACCCGGGAGCTCCTCTTCCTGTTAGATAGCAGTGGTGCAGTTCACAAGGATGCCATTGTTTTGGCTG
TAAAATCCCTCCCAGCCCAGACGCTAGTCAACCTGGCCATATTTGGGACATTGGTACAGCCACTCTTCCC
AGAGAGCCGGCCTTGCAGTGATGACACTGTGCAGCTGATCTGTGAGACCATTGAGACTCTTCAGACTGTG
AGTGGCCCCCCTGATATGCTGGCTGTATTGGATTGGGCCTTAGGGCAGCCCCAGCACAGGGCCCACCCTC
GACAGCTGTTCCTGCTCACTGCTGCCTCACCAACAGTTGCTACTACTCACCAAGCCCTGGAGTTCATGAG
GTGGCACAGAGGGGCAGCCAGGTGCTTCTCCTTTGCCTTGGCACCTGCCTGCCACCAGCTGCTCAGTGAC
TTGTCTGTCCTCAGCAGGGGGCAGGCTTACTTCCTGAGGCCTGGGGAGAGACTTCAACCTAAGCTGGTAC

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AGGCTCTGCGGAAGGCACTGGAACCTGCTTTGAGTGACATCTCCGTGGACTGGTTTGTGCCTGATGCGGT
GGAAGCATTGTTGACACCTCGGGAGATCCCAGCACTCTACCCTGGGGACCAGCTGCTTGGCTACTGCTCA
CTTTTCAGGGTTGATGGCTTCCGGTCCCGTGCTCTAGGGGGCCAAGAGCCTGGTTGGCAGAGCTTGGGTG
GTTCAGTCTTCCCATCTCCAGAGGAGGTGATATCTGTCACCAGCCCTGGCACTGAGCCTACGCACACCAC
GGAGCCACTGGGAACAGGCACTGTGTCAGCAGAGCTGTCGAGCCCATGGGCTATAGGAGACTCAGAGCAG
ACAGGTATGGAAGCTCTGACAGACCCAGTTACGGACCCGGGACCTAATCTGTCATCAGACACAGCCATTT
GGCGGCGCATCTTCCAGTCCTCATACATCCGGGAGCAGTATGTGCTTACCCACTGCTCTGCCAGCCCCGA
GCCAGGCCCAGGCTCTACCTGCAGTAGCGAGTCCCCTGGCTCCCAAGGCCCTGGCTCCCCCCATGGTAGC
CTTCCCCTGGATCCCCCTTCTCAGCAGGGCTGCCGAAGCCTGACCTGGGTAGAACCTGCAGGCTCCCGCT
CCTGCCCCCTGCCTGTACCCCCGCCATCTCCATTCAAGGTGGGAGCCATGAGCGCTGAAGTGCTGGGCCG
TCGGCAAAGAGCAGCTTTGGCTGGTCGAAGTCTGTCGTCTCCCTCAGGCCGGGCAAACCCAGTCCCTGGT
AGACCCCGGCACCCGTCTCTAGATGCAATACCCGATGGATCAGGCCCTGAGCCAGGACAACAGCTGGGTC
AGGGCCTCGATGATTCAGCCCCCTTGGACTGGGATATGTTGATGGAGCCATCTTTCTTATTCAAGCCCGT
GCCACCCAATGGGGAATCAGCTCCTCCAGCAGAACCGCTGCCTCCTCAGGCTCCACGTTGTCACGTGGTG
ATCCGGGCCCTCTGTGGGGAACAGCCAATGTGCTGGGAGGTGGGTGTTGGGCTGGAGGAACTCTGGGGTC
CTGGGGATAGCTCCCAGCCTGCACCACTTCCGATGAGAGAAGCTGCGTGGGACCAGGCACTTCACCGGCT
GACAGCAGCCTCTGTGGTCCAGGACAACGAACAGCTGGCTCTCCGTGGGAGAGCTGAAACCGCGGCTGAG
CAGGGCAGAGTCAGAAGGTCCTGGCTCAGAGCCATTCAGACAAGCAAGGTCAGCTCGGCCCCATCCTGCT
TTACTTGCCCTGTTGCTGTAGATGCTACCACTAGGGAGGTCTTGCCCGGAGCCCTGCAGGTGTGGAGTTC
AGATCCAGCTGAGTTCTCAGGCGTGTCTGCCTCTCAAGACCATCTAGCTGTTGCCCCTCTGTCCACAGCA
GTCCACTCTAAAGGACATCAGGGAGGCTGTTCTGCAGGTGCCTGGGACCTGGACCTAAATGACAACTCCA
AGTCAGCATTGGGGGAGTCCATATCTCCTACTGGAGGTCATCATGGCTTGCCCCACCAGCCTCCAGCCTC
TTCCAGGCTCAGCCTGGGTCATCATCGCAGACTTTGCAGCTCCAATAAGGGCCAGACTCATGAGAACAGC
AACGAAGCCAGCAGCCATGACTACCTGCCTTTGGTACGACTGCAAGAGGCTCCAGGCTCCTTCCGCCTGG
ATGAACCCTTCTGTGCTGCTGTGAGCATTCCTCAGGAACGCCTGTGTCGAGCCTCTCCCTTTGCTGCACA
CCGCGCCAGCCTCAGCCCCACCTCAACCTCATCTCCTTGGGCATTTCTGGGCCCTGGTGTTGGCCAAGGT
GACAGTGCCACAGCCTCCTGCAGTCAACCCTCCAGCTCGGGTTCTGAAGGCCCAGGCCAGGCAGACAGTG
GGAGAGGCTCGGACACCGAGGCGTCGGAAAGAATGGAAGAGAGGGAAAGCTCGGATCTCCGTGGGCGCAC
CTGGGCCACAGCCGTGGCCCTGGCATGGTTGGAACACCGCTGCGCAGCTGCCTTCGGCGAGTGGGAACTA
ACAGCTTCCAAAGCTGACTGCTGGCTGAGGGCTCAACGCCTGCCAGATGGCCTTGATCTGACTGCTCTTA
AGGCCGCTGCCCGGGGGCTCTTTCTGTTACTGCGGCACTGGGACCAGAATCTGCAGCTGCACCTGCTGTG
TTACAGCCCTTCGAACGTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM_001134535

**Insert Size:** 3732 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).

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| **Reconstitution Method:** | 1. Centrifuge at 5,000xg for 5min.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_001134535.1, NP_001128007.1 |
| **RefSeq Size:** | 4509 bp |
| **RefSeq ORF:** | 3732 bp |
| **Locus ID:** | 303812 |
| **Cytogenetics:** | 11q23 |