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Product datasheet for RN201622

Vwa5b1 (NM_001107988) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vwa5b1 (NM_001107988) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vwa5b1
Synonyms:	RGD1308559
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

Fully Sequenced ORF:

>RN201622 representing NM_001107988
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCTGGCCTGTTGAACTGCTTCACGGGGGCAGCCCTGCCTCTCACCGCGTCTGACGTCACCTCCTACG
TCAGCGGCTATGCCCTGGGCCTCACGGCCTCCCTTACCTATGGCAACCTGGAGGCTCAGCCCTTCCAAGG
TCTCTTCGTGTATCCGACGGATGAGTGCACCACAGTGGTTGGTTTCGAAGCCGTCATTGCTGACCGAGTT
GTGACCATACAGCTCAGAGACAAAGCCAAGCTGGACAGAAGCTACTTGGATGTCCAATCCGCCACTGTCA
CAGGGAACCTTCCAGAAGAGGAGATTCCCATCACACCGGGAAAGGTGACCTTGGATGAGGATCTGGAGCG
GATTCTGTTCGTGGTCAACCTGGGGACCATTGCTCCCATGGAAAATGTCACCATCTTCATCAGTACCTCC
TCGGAACTCCCCACGCTACCCAGCGGGGCCGTGAGGGTCCTTCTGCCGGCCATCTGTGCCCCGACCGTGC
ACCCATTCTGCGCCCACAGGTTTGGCTCCTCCAGACAACAGCCACGAGGCAAAGACCCACACTGCTTCGG
CACCCAGTCCAAGGACTCCTATAAGAGGCTGTGTCTGGCCACTCTCCTGGACACAAAGGTGACCAACCCA
ATGGAATATGAATTCAAATTTCAGCTGGAAATCCGCGGGCCATGTCTGCTTGCAGGGGTGGAGAGTCCCA
CTCATGAAATCCGAGCAGATGCAGCCCCATCGGCCCACTCAGCCAAAAGCATCATCATCACCTTGGCCAA
AAAACATACCTTTGACCGGCCGGTGGAGATCCTTCTCCACCCCAGTGAGCCCCACATGCCGCATGTCCTG
GTGGAGAAAGGGGACATGACCCTGGGGGAATTCTACCAGCACTTGAAGCGAAAAGCAGATTTCGTTAGAG
GAACAAAGAAGGACAACATCGCTGAGCGGAAGACAGAAGTCATCCGGAAGCGTCTCCACAAAGACATTCC
CCACCACTCAGTCATCATGCTCAACTTCTGTCCTGACCTCGAGTCCGTGCAGCCCAACCCCAGGAGGACC
CATGGGGAATTTATCTTCCTCATCGACAGGAGCAGCAGCATGAGCAAGACCAACATCCAGTGCATCAAGG
AGGCCATGTTGGTGGCCCTTAAGAGCCTCATGCCAGCATGCCTCTTCAATGTCATTGGTTTCGGATCCAC
ATTTAAGACAGTCTTTGCTTCCAGTCAGATCTACAATGAGGAGAACTTGGCCCTGGCATGTGAATGCATC
CAGAGAATGCGAGCTGACATGGGAGGCACCAACATATTCTCCCCTCTGAAGTGGGTCCTCCGGCAGCCAC
TGCGCCAGGGTCACCCACGGCTCCTCTTCCTGATCACCGATGGGTCTGTGAACAACACCGGGAAGGTTCT
GGAGCTGGTGCGGAATCATGCCTCTTCTATCAGGTGCTATAGCTTTGGAATTGGACCCACGGTCTGCTAC
AGACTGGTAAAAGGGCTGGCGTCTGTATCCAAGGGCAGTGCAGAGTTCCTGATGGAGGGGGAGCGGCTGC

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AACCAAAGATGGTCAAATCCTTGAAGAAGGCCATGGCCCCAGTGCTGAGCGACGTGACCGTGGAGTGGGT
TTTTCCTGAGACCACGGAGGCCCTGATCTCTCCTGTCAGCACCAGCTCCCTTTTCCCTGGGGAACGGCTG
GTGGGATATGGCATTGTGTGCGATGCCTCCTTGTACATCTCCAATTCCAGATCTGACAAAAGACGAAAGT
ATGGCATGCTGCATGCTCAGGAGTCCAGCAGCTCTGTCTTCTACCACTCTCAGGACGAGGGACTCAGGCC
AGGCAGCGGAAACTGTGCCAAGAACTTCAACCAGGGGCAGACCAAAGACGCCCATCCATGCAATGGAGAC
TCCCTCTCCCATCACGGTCTGGATGGCTCCCGGCGTCGGAGGGCATACAGCACTAATCAGATCTCCAGTC
ACAAGGCTTGCTCAAGGGCCACCACAGCCAGCGACCCCACTGGGACTACCAGGAGATACCCACTTCGAAA
AGCCAAGGTGCAAGACCTGGCCCATCAGAGCAGCTCAGAGAGCCAGCAGTGGCAGATTGATCTGCAGCCG
CTACTCACCAGAGGCCATGACCCAAGCCAGGGCCCCAGACTTCATGGCCCTGGAGCCCGCAGGCCTTCCC
TTCTTCCTCAAGGCTGCCAGCCCATGCGGTTCTCTGGCCCGGAGCCCCAGGCCTGGAGCCCCGTGAGAGA
GCTGGGTCTTGGCTCCGGCCGGAAGTCTGTCCTTAACAGCCGAAGCTCTGAGGACCTAGCCACAGAGCCA
CCCCCTTTTCCCTCGACCTTGGAACCAGAGACATCCTCAGACTTGGAGCCCACGGCTGAATTAGAGGAGC
AAGCTCCCTACAGGACCGCCACGCCAAGCCCTGTGCTGGGCAAAGTTTTGGTCAAAGGAGTGTGTGACAA
CCAGCATATGCAGTGGGAAGTGAGCTTTGAGCTAGAACCTCCAGCCCTGCGGAGGGAGGACACACAGAAC
GATGACATGTGGGGCGAGACTTTCCACCACCTGGCGGCCCGCGCCATCATCCGCGAATTCGAGCATCTGG
CCCAGCGCGAGGATGAGATTGAGCTGGGGTCCAATCGCAGATACCAGGTGAACGCCGTGCACACCAGCAA
GGCCTGCAACGTGATCAGCAAGTACACGGCCTTCGTGCCGGTGGACATAAACAAGAGGCAGTACCTGCCC
ACGGTGGTCAAGTACCACAATTCTGGTGCTCTACTCAGCTTCCGGAACCTGACCCGACAGTGGAAAGGCT
TCTCTACTGGCCTTAGGAGGTCCCAGAGTATGCTCAGAGAACACTCCTCAGCTGCAGGAGACAGCAAATT
CCAGACCCTAGCCTTACATGAAAGCCTTACTTCAACCTTCAATAAGACCCCATCCCCTGGGCATGAGAAG
TATGCTACAGCAGAAGGTCCCCCTCAAAACCTGTCCACCAGCTCTCTGTCCTCCACAAAGGCCTCCGAGG
CCATCTTTGGATCTAGGTTGATTCTCAACAAATCCAGGCTGCTGACCCGAGCTACCAAAAACTTTCTCAG
CAAATCATTGCCCAAGGCTCCAGAGGTAAACCCAGGCAGCCAGAGCTCTGACTACGTACCACTGGTGTCT
CTGCAGCTGGCCTCGGGAGCCTTTTTGCTCAATGAAGTCTTCTGCAGGACCATCCAAATCCCCATGGAGA
AACTCAAGTGGACCTCACCCTTCAACTGCCTCCGAATGTCCCTCGTCACCCGCCGGCATGATTTGAAGAC
CCAGAGTCCAGGGGACTGCACCAGTCTCTCCTCTCCACCTCCACCCTCTGACGACATCTCCCTAAAGTCT
GGCGCCAAAGACAGCTCAGACCAGGAGTCCAGTGAGCTGCTGGAGCACACGGGGAAGCTGTGGGCCACTG
TGGTGGCGCTGGCGTGGCTGGAACACAGCTCAGCTAGTTACATCATTGAGTGGGAGCTGGTGGCTGCCAA
GGCGAGCTCGTGGGTAGAGCTGCAGGAGGTGCCCGAGGGCCGCACACTGAGCACCATCAAGGCCACTGCT
CGCCAGCTGTTCGTGCTCCTGCGACACTGGGATGAGAACCTGGAGTTCAATATGCTCTGTTACAACCCAA
ATTATATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107988

Insert Size: 3651 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_001107988.1, NP_001101458.1
RefSeq Size:	3783 bp
RefSeq ORF:	3651 bp
Locus ID:	313653
Cytogenetics:	5q36