

Product datasheet for **RN206099**

Vwa1 (NM_001013938) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vwa1 (NM_001013938) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vwa1
Synonyms:	RGD1311476
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206099 representing NM_001013938 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCTGTTCTGGACTGTGCTCAGCATGGCTTTGAGTCTGCGGTTGGCACTGGCGCAGAGCGGCATAGAGC
 GCGGTCCACAGCATCAGCCCCCAGGGGACCTGTTGTTCTGCTGGACAGCTCAGCCAGTGTGTACA
 CTATGAGTTCTCAAGAGTTCGAGAGTTTGTGGGCAGCTGGTGGCTACGATGCCTTTCGACCCGGGGCT
 CTGCGTGCTAGTCTGGTGACGTGGGCAGCCGGCCTCACACGGAGTTTACTTTTGATCAGTACAGTTCAG
 GCCAGGCCATACAGGATGCTGTACGTGTTGCGCCCCAACGTATGGGTGACACCAACACGGGCCTGGCACT
 GGCTTATGCCAAAGAACAATTATTTGCTGAGGAAGCAGGTGCCCGCTAGGGGTTCCCAAGTACTGGTG
 TGGGTGACAGATGGGGCCTCCAGTGACTCTGTGGGCCCCCTATGCAGGAGCTCAAGGACCTGGGTGTCA
 CCATCTTCATTGTGAGCACTGGCCGAGGCAACCTGTTGGAGCTGTTGGCAGCTGCCTCAGCTCCGGCTGA
 GAAGCACCTACACTTTGTGGATGTGGATGACCTTCCTATCATTGCCCGGAGCTTCGGGGTGCCATTATT
 GATGCGATGCAGCCACATCAGCTTCATGCCTCGGAGATTCTGTCCAATGGCTTCGCCTGTCTGGCCGC
 CCCTGCTGACAGCGGACTCTGTTACTACGTGCTGGAGTTGGTGGCCAGTGGCAAACCTGGCAGCCACAAG
 ACGCCAACAGCTGCCCGGAATGCTACAGCTGGACCTGGACCGACCTCAACCCAGACACAGATTACGAA
 GTATCGCTGTTGCCGAGTCCAATGTGCGCCTCCTGAGGCCCCAGCACTTGCGAGTACGCACACTGCAAG
 AGGAGGCAGGGCCAGAACGCATCGTCATCTCGCATACTAGGCCGCGCAGCCTCCGTGTAAGTTGGGCCCC
 CGCACTTGCCCCGACTCCACTCTCGGCTACCTTGACAGCTCGGACCTCTGCAGGGCGGATCCCTAGAA
 CACGTGGAGGTGCCAGCTGGCCAGAACAGCACTACCATCCAGGGCCTGACGCCCTGCACCACTTACCTGG
 TGAAGTGTGACTGCTGCCTTCGCTCGGGCCGCCAGAGGGCGCTGTGGCTAAGGCCTGTACGGCATCTGG
 CGAGCGGATCCGTGTCCCGCAGGCCATGCGGCCGAGGCCGACTGCGGGAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001013938
Insert Size:	1248 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:	<u>NM_001013938.1, NP_001013960.1</u>
RefSeq Size:	2357 bp
RefSeq ORF:	1248 bp
Locus ID:	298683
UniProt ID:	<u>Q642A6</u>
Cytogenetics:	5q36
Gene Summary:	Promotes matrix assembly.[UniProtKB/Swiss-Prot Function]