

Product datasheet for **SC325402**

VWA5B2 (NM_138345) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VWA5B2 (NM_138345) Human Untagged Clone
Tag:	Tag Free
Symbol:	VWA5B2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325402 representing NM_138345. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGCCCGGCTGTACTGCCCTCCAGCTGGACGCCGCTGCCGCTCACGGACTCCTGGGTCCGGGCTGC
GCCAACGGCCCTGCCTCAGCGTGCGGGCCCGGCTCACCTACCGCAACCCGACCGCGAGCCGGTGGAC
GGCGTGTTCTGTACCCGCTGGCCGAGGCCGAGGTGGTGTCCGGCTTCGAGGCCGAGGCCGCCGACGG
CGCGTCTCCTCCAGCTGCAGAGCCGGCGCCGCTCGCAGGCCGCTGCTGCCGCGCTCTGGGCCGGGG
CTGGGGACCCGACGCCCGCCGCTGCGCGCAGGGTCATCTTGTCTTGGATCTGGCCAGGCCCGGTCC
ACGTTGGTGCTGCCACAGGCATTATCGCCGCGGCTGGCACCATGACGGTGACCTGCACAGCAGCCGG
GAGCTGCCCTCAAGGCCTGACGGGGTGTGATGTGGCCCTGCCACTGTGCTCACCCCGCTGGCCCGG
CCAGGCCCGCGGGGCCCCAGGCCTCCGGGGCTCTGTGACGACAGCCCAACAGCTGCTTCGGGGTG
GGCAGCCTTCAGGAGGAAGGGCTGGCCTGGGAGGAGCTGGCTGCCCTCGGGACGTGTTCTCAGGCCCT
GCCCCTGCCCTGCCCATATACCTTCTCCTTCGAGATGCTGGTACTGGGCCATGCCTGCTTGCAGGC
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GTCACACTGGCAGAGGGCCACCACTGTGACCGGGCCTTGAGATCCTGCTGCACCCAGTGAGCCCAT
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GCCATTGTTTTGGCTGTGAAGTCCCTCCCGCCCGACGCTTATCAACCTGGCCGTGTTTGGGACGTTG
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GAGACCTGCAGGTTCCGAGTGGGCCCCAGACGTGTGGCTGCTCTGGACTGGCCGTGGGGCAGCCC
CAGCACAGGGCCTACCTCGGCAGCTGTTCTGCTCACTGCTGCCTCACCCATGGCCGCCACTACCCAC
CGAACCTGGAGCTCATGAGGTGGCACAGGGGGACAGCCAGATGCTTCTCTTTGGGCTGGGGCCACC
TGCCACAGCTGCTCCAGGGTTATCTGCCCTCAGCAGAGGCCAGGCCTACTTCTGAGGCTGGGCAG
AGGCTGCAGCCCATGCTGTACAGGCTCTGCGGAAGGCACTGGAGCCTGCTTTGAGTGACATCTCTGTG
GACTGTTTGTGCCGACACTGTGGAGGCACTGCTGACCCCGGGAGATCCAGCACTCTACCCTGGG



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GACCAGCTGCTCGGTTACTGCTCACTCTTCAGGGTGGATGGCTTCCGGTCCCGCCACCAGGGGGCCAA
 GAGCCTGGCTGGCAGAGCTCGGGTGGGTCCGTGTTTCCATCCCCAGAAGAGGCCCGTCTGCTGCCAGC
 CCTGGCACTGAGCCCACTGGCACCTCAGAGCCACTGGGAACAGGCACTGTCTCAGCAGAACTGTCCAGC
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 AACCCCTCTGACACAGCCATATGGCGCCGATCTTTCAGTCTCGTACATTGGGAGCAGTATGTGCTC
 ACCCACTGCTCTGCCAGCCCCGAGCCAGGCCAGGCTCCACAGGCAGCAGTGAGTCCCCAGGCTCACAG
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 GCCTTGAGTACTGAGGTGCTGGGCCGTACGACAGAGCGGCTCTGGCTGGCCGAAGCCTCTCATCCCT
 CCAGGCCGGGCAAACCAAGTCCCGGCCGACCCCGAAACCTCTTGGGTGCAATACTAGATGGCCCA
 AGTCTGAGCCAGGCCAACAGTTGGGACAAGGCCTGGATGACTCAGGAAACCTGCTCTCCCAGCCCCCT
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 CTTGAGCCCTTCAGACAAGTAAGGTGAGCTCTGCCCCCTCCTGCTTCACTTGCCCTGTAGCTGTGGAT
 GCTACTACTAGGAGGTCTGCTGGGGCCCTGCAGGTGTGCAGCTCAGAGCCGCTGAGCCCCAGGA
 ACCCTCCTGCCTCTCACAGCCATCTAGATGCAGCTCCTCTGCCCACTGTTGTCTACTCTAAAGGACTT
 CAGAGAGGCTCTCCAGCAGGCGCTGGGACTCGGACCAAAATGGCAACTCCAAGCGTGCTTGGGGGAC
 CCTGCCACTCCCACGGAAGGTCTCGCCGCCACCTCCCGTCTCCCTGTCGGCTCAGCATGGGCCGC
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 CCCTTGGTGGGCTGCAGGAGGACCAAGGCTCCTTCCGCTGGACGCGCCCTTCTGCGCCGCTGTGCGC
 ATCTCGCAGGAGCGCTCTGCCGTGCTCGCCCTTGGCGTGCACCGGCCAGCCTCAGCCCCACCTCG
 GCCTATTGCCCTGGGCACTTCTGGGCCCTGGTGTGGCCAGGGTGACAGTGCCACGGCCTCCTGCAGC
 CCGTCCCCCAGCTCGGGCTCTGAGGGGCCAGGCCAGGTGGACAGTGGCGGGGCTCAGACACCGAGGCC
 TCCGAGGGGGCGAAGGGCTGGGCGGCACCGACCTGCGGGGCCGACCTGGGCCACTGCCGTAGCACTC
 GCCTGGCTGGAGACCGATGCGCCGCTGCCTTCGACGAGTGGGAAGTACAGCGGCCAAGGCTGATTGC
 TGGCTGCGGGCCAGCACTTGCCTGACGGCCTTGACCTGGCCGCCCTCAAGGCCGAGCCCGAGGGCTC
 TTCTGCTACTGCGCCACTGGGACCAAACTGCAGCTACACCTGCTGTGCTACAGCCACGCAACGTG
 TGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_138345
Insert Size:	3729 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_138345.2](#)

RefSeq Size: 4140 bp

RefSeq ORF: 3729 bp

Locus ID: 90113

UniProt ID: [Q8N398](#)

Cytogenetics: 3q27.1

MW: 131.7 kDa