

Product datasheet for **SC112380**

VWA1 (NM_022834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VWA1 (NM_022834) Human Untagged Clone
Tag:	Tag Free
Symbol:	VWA1
Synonyms:	WARP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022834, the custom clone sequence may differ by one or more nucleotides

ATGCTCCCTGGACGGCGCTCGGCCTGGCCCTGAGCTTGCGGCTGGCGCTGGCGCGGAGCGGCGCGGAGC
GCGGTCCACCAGCATCAGCCCCCGAGGGGACCTGATGTTCTGCTGGACAGCTCAGCCAGCGTCTCTCA
CTACGAGTTCTCCCGGTTCTGGGAGTTTGTGGGGCAGCTGGTGGCTCCACTGCCCTGGGCACCGGGGCC
CTGCGTGCCAGTCTGGTGACGTGGGCAGTCGGCCATACACCGAGTTCCCTTCGGCCAGCACAGCTCGG
GTGAGGCTGCCAGGATGCGGTGCGTGCTTCTGCCCAGCGCATGGGTGACACCCACACTGGCCTGGCGCT
GGTCTATGCCAAGGAACAGCTGTTTGTGAAGCATCAGGTGCCCGGCCAGGGGTGCCAAAGTGCTGGT
TGGGTGACAGATGGCGGCTCCAGCGACCTGTGGGCCCCCATGCAGGAGCTCAAGGACCTGGGCGTCA
CCGTGTTTCATTGTGACACCGGCCGAGGCAACTTCCTGGAGCTGTGAGCCGCTGCCTCAGCCCCTGCCGA
GAAGCACCTGCACTTTGTGGACGTGGATGACCTGCACATCATTGTCCAAGAGCTGAGGGGCTCCATTCTC
GACGCGATGCGGCCGAGCAGCTCCATGCCACGGAGATCACGTCCAGCGGCTTCGCCTGGCCTGGCCAC
CCCTGCTGACCGCAGACTCGGGCTACTATGTGCTGGAGCTGGTGCCAGCGCCAGCCGGGGGCTGCAAG
ACGCCAGCAGCTGCCAGGAACGCCACGGACTGGATCTGGGCCGGCTCGACCCGACACGGACTACGAC
GTGGCGCTAGTGCTGAGTCCAACGTGCGCCTCCTGAGGCCCCAGATCCTGCGGGTGCGCACGCGGCCG
GTGAGGCAGGGCCGGGGGCTTCGGGCCCGGAGTCGGGGGCTGGGCCGGCCCCACGCAGCTCGCCGCCCT
CCCCGCCCCAGAGGAGGCCGGGCCAGAGCGCATCGTCATCTCCACGCCCGGCCGCGCAGCCTCCGCGTG
AGTTGGGCCCCAGCGCTGGGCTCAGCCGCGCGCTCGGCTACCAGTGCAGTTTCGGGCCGCTGCGGGGCG
GGGAGGCGCAGCGGTGGAGGTGCCCGCGGCCGCAACTGCACCACGCTGCAGGGCTGGCGCCGGGCAC
CGCCTACCTGGTGACCGTGACCGCCGCTTCGCTCGGGCCGCGAGAGCGCGCTGTCCGCCAAGGCTGC
ACGCCCCAGCGCCGCGCCGCGCCACGCCCCGTGCCCGCGCCCCGACCCGGGGACCGCCAGCGCTG
AGCCGTAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_022834 unedited <pre> AGGCCTATAACCCCTCCTCCCCCNGGTCCAGTAATTGTATACGACTCACTATAGGCGG CCGCGAATTTCGCACGAGCCCTGACTTGGCGCTGGCGCTGGCGCGGAGCGGCGGAGCGC GGTCCACCAGCATCAGCCCCCGAGGGGACCTGATGTTCTGCTGGACAGCTCAGCCAGC GTCTCTCACTACGAGTTCTCCCGGTTTCGGGAGTTTGTGGGCGAGCTGGTGGCTCCACTG CCCCTGGGCACCGGGGCCCTGCGTGCCAGTCTGGTGACGTGGGAGTGGCCATACACC GAGTTCCCTTCGGCCAGCACAGCTCGGGTGAGGCTGCCAGGATGCGGTGCGTGCTTCT GCCCAGCGCATGGGTGACACCCCACTGGCCTGGCGCTGGTCTATGCCAAGGAACAGCTG TTTGCTGAAGCATCAGGTGCCCCGCCAGGGTGCCCAAAGTGCTGGTGTGGGTGACAGAT GGCGGCTCCAGCGACCCTGTGGGCCCCCATGCAGGAGCTCAAGGACCTGNGCGTCACC GTGTTCATTGTGACACCGGCCGANGCAACTTCTGGAGCTGTGACCGCTGCCTCAGCC CCTGCCGAGAAGCACCTGCACCTTGTGGACGTGGATGACCTGCACATCATTGTCCAAGAG CTGAGGGGCTCCATTCTGACGCGATGCGGCCGCAACAGCTCCATGCCACGGAGATCACG TCCAGCGGCTTCCGCTGGCCTGGCCACCCCTGCTGACCGCAGAACTCGGCTACTATGTG CTGAAGCTGTTGCCACCGCCGCGGGGCTGCAAGACGCCGCCACCTGCCAGGGACGC CAGGACTGAATCTGGCCGCGCTCNACCCGAACACGAACTACACTGGCCGCTAGTGCCCTTG ATCCAAGTGCCCTTCTGAGGCCANTATCCTGCGGTTGCCACCCGCGCGTGGAGCCAG GCCGGGGCTCCCGCCCCGAATCGGGGTTGGCCCGGCCACCAATTTCCGCCCTCC CCCCCAAAGAGGCCGG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_022834
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_022834.3, NP_073745.2</u>
RefSeq Size:	2554 bp
RefSeq ORF:	1338 bp
Locus ID:	64856
UniProt ID:	<u>Q6PCB0</u>
Cytogenetics:	1p36.33
Domains:	FN3

Gene Summary:

VWA1 belongs to the von Willebrand factor (VWF; MIM 613160) A (VWFA) domain superfamily of extracellular matrix proteins and appears to play a role in cartilage structure and function (Fitzgerald et al., 2002 [PubMed 12062410]).[supplied by OMIM, Nov 2010]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).