

## Product datasheet for **SC333192**

### VWA2 (NM\_001272046) Human Untagged Clone

#### Product data:

|               |  |
|---------------|--|
| Product Type: | Expression Plasmids                      |
| Product Name: | VWA2 (NM_001272046) Human Untagged Clone |
| Tag:          | Tag Free                                 |
| Symbol:       | VWA2                                     |
| Synonyms:     | AMACO; CCSP-2; CCSP2; NET42              |
| Vector:       | pCMV6-Entry (PS100001)                   |



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**Fully Sequenced ORF:** >SC333192 representing NM\_001272046.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCCCCTTTCCTGTTGCTGGAAGCCGCTGTGTTTTCTGTTTTCCAGAGTGCCCCATCTCTCCCT
CTCCAGGAAGTCCATGTAAGCAAAGAAACCATCGGGAAGATTTTCAGTGCCAGCAAAATGATGTGGTGC
TCGGCTGCAGTGGACATCATGTTTCTGTAGATGGTCTAACAGCGTCGGGAAAGGGAGCTTTGAAAGG
TCCAAGCACTTTGCCATCACAGTCTGTGACGGTCTGGACATCAGCCCCGAGAGGGTCAGAGTGGGAGCA
TTCCAGTTCAGTTCCACTCCTCATCTGGAATCCCTTGATTCAATTTCAACCCAAAGGAAGTGAAG
GCAAGAATCAAGAGGATGGTTTTCAAAGGAGGGCGCACGGAGACGGAACCTTGCTCTGAAATACCTCTG
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TCCCAGGGGGATGTGGCACTGCCATCCAAGCAGCTGAAGGAAAGGGGTGCACTGTGTTTGTGTGGGG
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GCCACGCCAGACTGCAGGTCGAGGCTCACCCCTGTGAGCACAGGACGCTGGAGATGGTCCGGGAGTTC
GCTGGCAATGCCCATGTGAGAGGATCGCGGGGACCTTGGCGTGTGGCTGCACACTGTCCCTTC
TACAGCTGGAAGAGAGTGTCTAACCCACCCTGCCACCTGCTACAGGACCACCTGCCAGGCCCTGT
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GTTGCGGGCCAGCGCGTACGCAAGGGCGCGAGAGCTGCTCCTGCTGGGTGTAGGCAGTGAAGCCGTG
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GGCAGCCAGGTGCAGACTGCCTTCGGGCTGGACACCAAACCCACCCGGGCTGCGATGCTGCGGGCCATT
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GCAGAGGATGCAGCCGTTCTGCCAGAAGCTGAGGAACAATGGCATCTCTGTCTTGGTCTGTGGCGTG
GGGCTGTCTAAGTGAAGGTCTGCGGAGGCTTGAGGTCGCCGGGATTCCCTGATCCACGTGGCAGCT
TACGCCGACCTGCGGTACCACCAGGACGTGCTCATTGAGTGGCTGTGGAGAAGCCAAGCAGCCAGTC
AACCTCTGCAAACCCAGCCCGTGCATGAATGAGGGCAGCTGCGTCTGCAGAATGGGAGCTACCGCTGC
AAGTGTGGGATGGTGGGAGGGCCCCACTGCGAGAACCATTCTTGGAGCGCCCCTGA
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001272046

**Insert Size:** 2268 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\\_001272046.1](#)

**RefSeq Size:** 5857 bp

**RefSeq ORF:** 2268 bp

**Locus ID:** 340706

**UniProt ID:** [Q5GFL6](#)

**Cytogenetics:** 10q25.3

**MW:** 82 kDa

**Gene Summary:** This gene encodes a member of the von Willebrand factor A-like domain protein superfamily. The encoded protein is localized to the extracellular matrix and may serve as a structural component in basement membranes or in anchoring structures on scaffolds of collagen VII or fibrillin. This gene has been linked to type 1A diabetes and is a candidate serological marker for colon cancer. [provided by RefSeq, Jan 2013]  
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.