

## Product datasheet for **SC306108**

### ADAMTS13 (NM\_139025) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTS13 (NM_139025) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAMTS13
Synonyms:	ADAM-TS13; ADAMTS-13; C9orf8; vWF-CP; VWFCP
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_139025 edited  
CGTCCCGCCAGTAGTGAGCAGGCTGCCATTCCATACTGACCAGATTCCCAGTCACC  
AAGGCCCTCTCACTCCGCTCCACTCCTCGGGCTGGCTCCTGAGGATGCACCAGCGT  
CACCCCGGGCAAGATGCCCTCCCTCTGTGTGGCCGGAATCCTTGCCTGTGGCTTTCTC  
CTGGGCTGCTGGGACCCTCCCATTTCAGCAGAGTTGTCTTCAGGCTTTGGAGCCACAG  
GCCGTGTCTTCTACTTGAGCCCTGGTGTCCCTTAAAAGGCCGCCCTCCTCCCTGGC  
TTCCAGAGGCAGAGGCAGAGGCAGAGGCGGGCTGCAGGCGGCATCCTACACCTGGAGCTG  
CTGGTGGCCGTGGGCCCCGATGTCTTCCAGGCTCACCAGGAGACACAGAGCGTATGTG  
CTCACCAACCTCAACATCGGGGAGAACTGCTTCGGGACCCGTCCTGGGGGCTCAGTTT  
CGGGTGCACCTGGTGAAGATGGTCACTTCTGACAGAGCCTGAGGGTGTCCAAATATACA  
GCCAACCTCACCTCGTCCCTGCTGAGCGTCTGTGGGTGGAGCCAGACCATCAACCCTGAG  
GACGACACGGATCCTGGCCATGCTGACCTGGTCTCTATATCACTAGGTTTGACCTGGAG  
TTGCCTGATGGTAACCGGCAGGTGCGGGGCGTACCCAGCTGGGCGGTGCCTGCTCCCA  
ACCTGGAGCTGCCTCATTACCGAGGACACTGGCTTCGACCTGGGAGTCACCATTGCCAT  
GAGATTGGGCACAGCTTCGGCTGGAGCAGACGGCGCGCCCGGAGCGGCTGCGGCCCC  
AGCGGACACGTGATGGCTTCGGACGGCGCGCCCGCCCGCCGGCTCGCTGGTCCCC  
TGCAGCCGCGGACAGTGTGAGCCTGCTCAGCGCAGGACGGGCGCGTGCCTGTGGGAC  
CCGCGCGGCTCAACCCGGGTCCGCGGGGACCCCGCGGATGCGCAGCCTGGCCTCTAC  
TACAGGCCAACGAGCAGTGGCGGTGGCTTCGGCCCCAAGGCTGTGCCTGCACCTTC  
GCCAGGGAGCACCTGGATATGTGCCAGGCCCTCTCTGCCACACAGACCCGCTGGACCAA  
AGCAGCTGCAGCCGCTCCTCGTTCCTCTCCTGGATGGGACAGAATGTGGCGTGGAGAAG  
TGGTGCTCCAAGGGTCGCTGCCGCTCCCTGGTGGAGTGACCCCATAGCAGCAGTGCAT  
GGGCGTGGTCTAGTGGGGTCCCCGAAGTCTTGGTCCCGCTCCTGCGGAGGAGGTGTG  
GTCACCAGGAGGCGCAGTGCAACAACCCAGACCTGCCTTTGGGGGCGTGCATGTGTT  
GGTGTGACCTCCAGGCCGAGATGTGCAACTCAGGCCTGCGAGAAGACCCAGCTGGAG  
TTCATGTGCAACAGTGCAGGACCGACGGCCAGCCGCTGCGCTCCTCCCTGGCGGC  
GCCTCCTTCTACCACTGGGGTGTGCTGTACCACACAGCCAAGGGATGCTCTGTGCAGA



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CACATGTGCCGGGCCATTGGCGAGAGCTTCATCATGAAGCGTGGAGACAGCTTCCTCGAT  
GGGACCCGGTGTATGCCAAGTGGCCCCGGGAGGACGGGACCCTGAGCCTGTGTGTGTCG  
GGCAGCTGCAGGACATTTGGCTGTGATGGTAGGATGGACTCCCAGCAGGTATGGGACAGG  
TGCCAGGTGTGTGGTGGGGACAACAGCAGCTGCAGCCCACGGAAGGGCTCTTTCACAGCT  
GGCAGAGCGAGAGAATATGTACATTTCTGACAGTTACCCCAACCTGACCAGTGTCTAC  
ATTGCCAACACAGGCCCTCTCTTACACACTTGGCGGTGAGGATCGGAGGGCGCTATGTC  
GTGGCTGGGAAGATGAGCATCTCCCTAACACCACCTACCCCTCCCTCCTGGAGGATGTT  
CGTGTGAGTACAGAGTGGCCCTCACCGAGGACCGGCTGCCCCGCTGGAGGAGATCCGC  
ATCTGGGACCCCTCCAGGAAGATGCTGACATCCAGGTTTACAGGCGGTATGGCGAGGAG  
TATGGCAACCTCACCCGCCAGACATCACCTTACCTACTTCCAGCCTAAGCCACGGCAG  
GCCTGGGTGTGGGCCGTGTGCGTGGGCCCTGCTCGGTGAGCTGTGGGCAGGGCTGCGC  
TGGGTAAACTACAGCTGCCTGGACCAGGCCAGGAAGGAGTTGGTGGAGACTGTCCAGTGC  
CAAGGGAGCCAGCAGCCACCAGCGTGGCCAGAGGCTGCGTGTCTGAACCTGCCCTCCC  
TACTGGGCGGTGGGAGACTTCGGCCATGCAGCGCCTCCTGTGGGGTGGCTGCGGGAG  
CGGCCAGTGCCTGCGTGGAGGCCAGGGCAGCCTCCTGAAGACATTGCCCCAGCCCGG  
TGCAAGCAGGGGCCAGCAGCCAGCTGTGGCGCTGGAACCTGCAACCCAGCCCTGC  
CCTGCCAGGTGGGAGGTGTCAGAGCCCAGCTCATGCACATCAGCTGGTGGAGCAGGCCTG  
GCCTTGGAGAACGAGACCTGTGTGCCAGGGCAGATGGCCTGGAGGCTCCAGTGAAGTGC  
GGGCTGGCTCCGTAGATGAGAAGCTGCCTGCCCTGAGCCCTGTGTCGGGATGTCATGT  
CCTCCAGGCTGGGGCCATCTGGATGCCACCTCTGCAGGGGAGAAGGCTCCCTCCCATGG  
GGCAGCATCAGGACGGGGCTCAAGCTGCACACGTGTGGACCCCTGCGGCAGGGTCTGTGC  
TCCGTCTCCTGCGGGCGAGGTCTGATGGAGCTGCGTTTCTGTGCATGGACTCTGCCCTC  
AGGGTCCCTGTCCAGGAAGAGCTGTGTGGCTGGCAAGCAAGCCTGGGAGCCGGCGGGAG  
GTCTGCCAGGCTGTCCCGTGCCTGCTCGGTGGCAGTACAAGCTGGCGGCTGCAGCGTG  
AGCTGTGGGAGAGGGGTGTCGGGAGGATCCTGTATTGTGCCGGGCCATGGGGAGGAC  
GATGGTGAAGGAGATCCTGTTGGACACCCAGTGCAGGGGCTGCCTCGCCCGAACCCAG  
GAGGCTGCAGCCTGGAGCCCTGCCACCTAGGTGGAAGTCAATGTCCCTTGGCCATGT  
TCGGCCAGCTGTGGCCTTGGCACTGCTAGACGCTCGGTGGCTGTGTGCAGCTCGACCA  
GGCCAGGACGTGGAGGTGGACGAGGCGGCTGTGCGGCGTGGTGGGCCGAGGCCAGT  
GTCCCTGTCTCATTGCCGACTGCACCTACCGTGGCATGTTGGCACCTGGATGGAGTGC  
TCTGTTTCTGTGGGATGGCATCCAGCGCCGGCTGACACCTGCCTCGGACCCAGGCC  
CAGGCGCCTGTGCCAGCTGATTTCTGCCAGCACTTGCCCAAGCCGGTGAAGTGTGCGTGGC  
TGCTGGGCTGGGCCCTGTGTGGGACAGGGTACGCCAGCCTGGTGCCCCAGGAAGAGCC  
GCTGCTCCAGGACGGACCACAGCCACCCCTGCTGGTGCCTCCCTGGAGTGGTCCCAGGCC  
CGGGGCTGTCTTCTCCCGGCTCCCGAGCCTCGGGGCTCCTGCCCGGCCCCAGGAA  
AACTCAGTGCAGTCCAGTGCCTGTGGCAGGCAGCACCTTGAGCCAACAGGAACCATTTGAC  
ATGCGAGGCCAGGGCAGGCACTGTGCAGTGGCCATTGGGCGGCCCTCGGGGAGGTG  
GTGACCCCTCCGCTCCTTGAGAGTTCTCTCAACTGCAGTGGGGGACATGTTGCTGCTT  
TGGGCGGCTCACCTGGAGGAAGATGTGCAGGAAGCTGTTGGACATGACTTTCAGCTCC  
AAGACCAACAGCTGGTGGTGGGAGGCGCTGCGGGCGGCCAGGAGGTGGGGTGTGCTG  
CGGTATGGGAGCCAGCTTCTCCTGAAACCTTCTACAGAGAATGTGACATGCAGCTCTTT  
GGGCCCTGGGGTGAATCGTGAGCCCTCGCTGAGTCCAGCCACGAGTAATGCAGGGGGC  
TGCCGGCTCTTCAATTAATGTGGCTCCGCACGCACGGATTGCCATCCATGCCCTGGCCACC  
AACATGGGCGCTGGGACCGAGGGAGCCAATGCCAGCTACATCTTGATCCGGGACACCCAC  
AGCTTGAGGACCACAGCCTTCCATGGGCAGCAGGTGCTCTACTGGGAGTCAGAGAGCAGC  
CAGGCTGAGATGGAGTTCAGCGAGGCTTCTGAAGGCTCAGGCCAGCCTGCGGGGCCAG  
TACTGGACCTCAATCATGGGTACCGGAGATGCAGGACCCTCAGTCTGGAAGGGAAAG  
GAAGGAACCTGAGGGTCAATGAACATTTGTTCCGTGTCTGGCCAGCCCTGGAGGGTTGAC  
CCCTGGTCTCAGTGTCTTCAATTCGAACTTTTTCAATCTTAGGTATCTACTTTAGAGT  
CTTCTCAATGTCCAAAAGGCTAGGGGTTGGAGGTGGGGACTCTGAAAAGCAGCCCCC  
ATTTCTCGGGTACCAATAAATAAACATGCAGGCTG

<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_139025
<b>Insert Size:</b>	5000 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	It is not a variant.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_139025.2</a></u> , <u><a href="#">NP_620594.1</a></u>
<b>RefSeq Size:</b>	4933 bp
<b>RefSeq ORF:</b>	4284 bp
<b>Locus ID:</b>	11093
<b>UniProt ID:</b>	<u><a href="#">Q76LX8</a></u>
<b>Cytogenetics:</b>	9q34.2
<b>Protein Families:</b>	Secreted Protein, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. The enzyme encoded by this gene specifically cleaves von Willebrand Factor (vWF). Defects in this gene are associated with thrombotic thrombocytopenic purpura. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>