

Product datasheet for **SC306109**

ADAMTS13 (NM_139026) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ADAMTS13 (NM_139026) Human Untagged Clone
Tag: Tag Free
Symbol: ADAMTS13
Synonyms: ADAM-TS13; ADAMTS-13; C9orf8; vWF-CP; VWFCP
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_139026, the custom clone sequence may differ by one or more nucleotides

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ATGCACCAGCGTCACCCCGGGCAAGATGCCCTCCCCTCTGTGTGGCCGGAATCCTTGCC
TGTGGCTTTCTCCTGGGCTGCTGGGGACCCTCCCATTTCCAGCAGAGTTGTCTTCAGGCT
TTGGAGCCACAGGCCGTGCTTCTTACTTGAGCCCTGGTGTCCCTTAAAAGGCCGCCCT
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GAGCGCTATGTGCTCACCAACCTCAACATCGGGGCAGAACTGCTTCGGGACCCGTCCTG
GGGGCTCAGTTTCGGGTGCACCTGGTGAAGATGGTCATTCTGACAGAGCCTGAGGGTGCC
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TTCACACACTTGGCGGTGAGGATCGGAGGGCGCTATGTCTGGTGGGAAGATGAGCATC

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TCCCCTAACACCACCTACCCCTCCCTCCTGGAGGATGGTCTGTGCGAGTACAGAGTGGCC
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 ACCACAGCGTTCCATGGGCAGCAGGTGCTCTACTGGGAGTCAGAGAGCAGCCAGGCTGAG
 ATGGAGTTCAGCGAGGGCTTCTGAAGGCTCAGGCCAGCCTGCGGGCCAGTACTGGACC
 CTCCAATCATGGGTACCGGAGATGCAGGACCCTCAGTCTGGAAGGAAAGGAAGGAACC
 TGA

- Restriction Sites:** Please inquire
- ACCN:** NM_139026
- 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:	<ol style="list-style-type: none">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_139026.2</u> , <u>NP_620595.1</u>
RefSeq Size:	4672 bp
RefSeq ORF:	4023 bp
Locus ID:	11093
UniProt ID:	<u>Q76LX8</u>
Cytogenetics:	9q34.2
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	<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 (3) uses alternate in-frame splice sites at two exons, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.</p>