

Product datasheet for **SC308672**

ADAMTSL5 (NM_213604) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTSL5 (NM_213604) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAMTSL5
Synonyms:	THSD6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC308672 representing NM_213604.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACTCGGCCCTCTGTTCCCGAGCCACCTCTCCAGAACCTCCTGCTCTTCTGTGGGCCCTG
CTGAACCTGTGGTTTGGGGTCACTGCTCAGGGTCCGGGCGAGTGGACCCCGTGGGTGCTTGGACCCGC
TGCTCCAGCTCCTGCGGGCGTGGCGTCTCTGTGCGCAGCCGGCGCTGCCTCCGGCTTCTGGGGAAGAA
CCGTGCTGGGAGACTCCCATGAGTACCGCCTCTGCCAGTTGCCAGACTGCCCCCGAGGGCTGTGCC
TTCCGAGACCTACAGTGTGCCCTGTACAATGGCCGCCCTGTCTGGGCACCCAGAAGACCTACCAGTGG
GTGCCCTTCCATGGGGCGCCCAACAGTGCACCTCAACTGCCTGGTGAAGGGGACGCCTTCTACCAC
AGCTTCGGCCGCTCCTGGACGGCACCGCTGCAGCCGGGTGCCAGGGGTCTGCGTGGCTGGCCGC
TGCCTTAGCGCCGCTGTGATGGTTGTTGGGCTCGGGTGCCTCGAGGACCGCTGTGGCCGCTGCGGA
GGCGCCAAAGACTCGTGCCTTTTCGTGCAGCGCTGTTTCGTGACCCGGTGCCTTCGCTGGTACTGG
AACGTGACCTGATCCCGAGGGCGCCAGACACATCCGCGTGAACACAGGAGCCCAACCACCTGGCA
CTGATGGGGGGGATGGGCGCTACGTGCTTAATGGGCACTGGGTGGTCAAGCCACCGAGGACCTACGAG
GCGGCCGGCACGCATGTGGTCTACACCCGAGACACAGGGCCCGAGGAGACATTGCAAGCAGCCGGGCC
ACCTCCCATGACCTGCTCCTACAGGTCCTCCTGCAGGAGCCCAACCCTGGCATCGAGTTTGAATCTGG
CTCCCTCGGGAGCGCTACAGCCCTTCCAGGCTCGTGTGACGGCCCTGGGCTGGCCCTGAGGCAGCCT
CAGCCCGGGGGTGGAGCCTCAGCCCCCGCAGCCCTGCTGTACCCCTGCACAGACCCCAACGCTG
GCCCCAGACCCCTGCCACCCCTGCCCTGACACCCGCGGCCGCGCCACCGACTACTCCACTATTGCGGC
AGTGACTTTGTGTTCCAGGCCGAGTGTGGGCCACCACCAGGCCAGGAGACCCGCTATGAGGTG
CGCATCCAGCTCGTCTACAAGAACCGCTCGCCACTGCGGGCACGGAGTACGTGTGGGCGCCAGGCCAC
TGCCCCCTGCCCGATGCTGGCACCCACCGGACTACCTGATGGGTGTCCAGCGTCTTGTACGCCCGAC
GGCACACAGGACAGCTGCTGCTGCCCCACCGGCTACGCCGGCCCTGGAGCCCTGCGGAGGACAGC
CGCATACGCTGACTGCCCGCGCTGTCTGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

Plasmid Map: □

ACCN: NM_213604

Insert Size: 1416 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_213604.2](#)

RefSeq Size: 2867 bp

RefSeq ORF: 1416 bp

Locus ID: 339366

UniProt ID: [Q6ZMM2](#)

Cytogenetics: 19p13.3

Protein Families: Secreted Protein

MW: 52 kDa

Gene Summary: May play a role in modulation of fibrillin microfibrils in the extracellular matrix (ECM).
[UniProtKB/Swiss-Prot Function]