

## Product datasheet for **SC337855**

### ADAMTSL4 (NM\_001288608) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTSL4 (NM_001288608) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAMTSL4
Synonyms:	ADAMTSL-4; ECTOL2; TSRC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001288608, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAAGTGGACTGGCAGGCCCTGGCTGTATCTGCTGCTGCTTCTGTCCCTCCCTCAGCTCTGCTTGG
ATCAGGAGGTGTTGTCCGGACACTCTTTCAGACACCTACAGAGGAGGGCCAGGGCCCCGAAGGTGTCTG
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GGCAGGCTCCTGATGGCTGTGGAGTCTGTGGGGTGTGATTCTACCTGTCCCTTGTTCGGGGAACC
TACTGACCGAGGGGGCCCCCTGGGCTATCAGAAGATCTGTGGATTCCAGCGGGAGCCTTGGGCTCCA
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GATTGCCAGCTCCGGCCTAGCTCCAACACTCTGGCACTTCGTGGCCCTGGGGCCGGTCCATCATCAAT  
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 AGGCCCTGCGCTGCAGCCCTGTCAAGGGCAGGCTGCCAGGACCGATGGTTTTCCACGCCCTGGAGCC  
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 CAGCACCCGATGCCCTCCTCAACTGCGGCCCTCCAGGAAGCGCCCTGTAAACAGCCAACCCTGCAGCCAG  
 CGCCCTGATGATCAATGCAAGGACAGCTCTCCACATTGCCCTGGTGGTACAGGCCCGGCTCTGCGTCT  
 ACCCTACTACACAGCCACCTGTTGCCGCTCTTGCGCACATGCTCTGGAGCGGTCTCCCCAGGATCCCTC  
 TGA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001288608

**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\\_001288608.1](#), [NP\\_001275537.1](#)

**RefSeq Size:** 4331 bp

**RefSeq ORF:** 3294 bp

**Locus ID:** 54507

UniProt ID: [Q6UY14](#)

Cytogenetics: 1q21.2

Protein Families: Secreted Protein

**Gene Summary:** This gene is a member of ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs)-like gene family and encodes a protein with seven thrombospondin type 1 repeats. The thrombospondin type 1 repeat domain is found in many proteins with diverse biological functions including cellular adhesion, angiogenesis, and patterning of the developing nervous system. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Sep 2014]  
Transcript Variant: This variant (4) represents the longest transcript and encodes the longest isoform (4).