

Product datasheet for **SC314853**

ADAMTSL4 (NM_025008) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTSL4 (NM_025008) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAMTSL4
Synonyms:	ADAMTSL-4; ECTOL2; TSRC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_025008 edited
 GGAGCGATGGAGAACTGGACTGGCAGGCCCTGGCTGTATCTGCTGCTGCTTCTGTCCCTC
 CCTCAGCTCTGCTTGGATCAGGAGGTGTTGTCCGGACACTCTCTTCAGACACCTACAGAG
 GAGGGCCAGGGCCCCGAAGGTGTCTGGGGACCTTGGGTCCAGTGGGCCTTTGCTCCCAG
 CCCTGCGGGTGGGGTGCAGCGCAGGAGCCGGACATGTCAGTCCCTACAGTGCAGTCTC
 CACCCGAGTCTGCCCCCTCCCTCCCGGCCCCCAAGACATCCAGAAGCCCTCCTCCCCCGG
 GGCCAGGGTCCCAGACCCAGACTTCTCCAGAAACCCTCCCTTGTACAGGACACAGTCT
 CGGGGAAGGGGTGGCCCACTTCGAGGTCCCGCTTCCACCTAGGGAGAGAGGAGACCCAG
 GAGATTCGAGCGGCCAGGAGTCCCGGCTTCGAGACCCATCAAGCCAGGAATGTTCCGGT
 TATGGGAGAGTGCCTTTGCATTGCCACTGCACCGGAACCGCAGGCACCCTCGGAGCCCA
 CCCAGATCTGAGCTGTCCCTGATCTTCTAGAGGGGAAGAGCCTATTCCGTCCCCTACT
 CCAAGAGCAGAGCATTCTCCGCAAACGGCAGCCCCAAACTGAGCTCCCTCCCACAGAA
 CTGTCTGTCCACACCCCATCCCCCAAGCAGAACCTCTAAGCCCTGAAACTGCTCAGACA
 GAGGTGGCCCCCAGAACCAGGCCTGCCCCCTACGGCATACCCCAGAGCCAGGCCTCT
 GGCACAGAGCCCCCTCACCCACGCACTCCTTAGGAGAAGGTGGCTTCTCCGTGCATCC
 CCTCAGCCACGAAGGCCAAGTCCAGGGTTGGGCCAGTCCCAGGTAGCAGGGAGACGC
 CCTGATCCTTTTCTCCGGTCCCTCGGGGCCGAGGCCAGCAGGGTCAAGGCCTTGGGGA
 ACGGGGGGACTCCTCACGGGCCCGCCTGGAGCCTGACCCTCAGCACCCGGGCGCTGG
 CTGCCCTGTGAGCAACGGCCCCCATGCCAGCTCCCTCTGGAGCCTTTTGGTCCCAGT
 AGCCCTATTCCAAGATGTTCTGGGGAGAGTGAACAGCTAAGAGCCTGCAGCCAAGCGCC
 TGCCCCCTGAGCAGCCAGACCCCGGGCCCTGCAGTGGCAGCCTTTAACTCCCAGGAA
 TTCATGGGCCAGTGTATCAGTGGGAGCCCTTCACTGAAGTCCAGGGCTCCCAGCGTGT
 GAACTGAACTGCCGGCCCGTGGCTTCCGCTTCTATGTCCGTCACTGAAAAGTCCAG
 GATGGGACCCTGTGTAGCCTGGAGCCCTGACATCTGTGTGGCTGGACGCTGTCTGAGC
 CCCGGTGTGATGGGATCCTTGGCTCTGGCAGGCGTCTGATGGCTGTGGAGTCTGTGGG
 GGTGATGATTCTACCTGTGCGCTTGTTCGGGGAACCTCACTGACCGAGGGGGCCCCCTG
 GGCTATCAGAAGATCTTGTGGATTCCAGCGGGAGCCTTGGCGCTCCAGATTGCCAGCTC
 CGGCCTAGCTCCAACCTGGCACTTCGTGGCCCTGGGGCCGGTCCATCATCAATGGG
 AACTGGGTGTGGATCCCCTGGGTCTACAGGGCCGGCGGGACCGTCTTTCGATATAAC
 CGTCTCCAGGGAGGAGGGCAAAGGGGAGAGTCTGTGGCTGAAGGCCCCACCACCCAG
 CCTGTGGATGTCTATATGATCTTTCAGGAGGAAAACCCAGCGTTTTTTATCAGTATGTC
 ATCTCTTACCTCCTCAATCCTTGAGAACCCACCCAGAGCCCTGTCCCCAGCTT
 CAGCCGGAGATTCTGAGGGTGGAGCCCCCACTTGTCCGGCACCCCGCCAGCCCGGACC
 CCAGGCACCTCCAGCGTCAGGTGCGGATCCCCCAGATGCCCGCCCCGCCCATCCCAGG
 ACACCCCTGGGGTCTCCAGCTGCGTACTGGAAACGAGTGGGACACTCTGCATGCTCAGCG
 TCCTGCGGAAAGGTGTCTGGCGCCCCATTTCTCTGCATCTCCCGTAGTTCGGGAGAG
 GAACTGGATGAACGCAGCTGTGCCGCGGGTCCAGGCCCCAGCCTCCCCTGAACCTGC
 CACGGCACCCATGCCCCCATACTGGGAGGCTGGCGAGTGGACATCCTGCAGCCGCTCC
 TGTGGCCCCGGCACCCAGCACCGCCAGCTGCAGTCCCGCAGGAATTTGGGGGGGTGGC
 TCCTCGGTGCCCGGAGCGCTGTGGACATCTCCCCGGCCCAACATCACCCAGTCTTGC
 CAGCTGCGCCTCTGTGGCATTGGGAAGTTGGCTCTCCTTGGAGCCAGTCTCCGTGCGG
 TGCGGCCGGGGCCAGAGAAGCCGGCAGGTTGCTGTGTTGGGAACAACGGTGATGAAGTG
 AGCGAGCAGGAGTGTGCGTCAGGCCCCCGCAGCCCCCAGCAGAGAGGCCTGTGACATG
 GGGCCCTGTACTACTGCCTGGTTCCACAGCGACTGGAGTCCAAGGTGAGCCCGGAACCC
 CCAGCCATATCTGCATCCTGGGTAACCACGCCAGGACACCTCAGCCTTCCAGCATAG

Restriction Sites: Please inquire
ACCN: NM_025008
Insert Size: 2600 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:	ORF matches with that of NM_025008.2. A few SNPs were observed in the ORF.
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:	NM_025008.2 , NP_079284.2
RefSeq Size:	2903 bp
RefSeq ORF:	2634 bp
Locus ID:	54507
UniProt ID:	Q6UY14
Cytogenetics:	1q21.2
Protein Families:	Secreted Protein
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks several exons and its 3'-terminal exon extends past a splice site that is used in variant 4. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 4.</p>