

Product datasheet for SC318482

ADAMTSL4 (NM_019032) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTSL4 (NM_019032) 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)
Fully Sequenced ORF:	>OriGene sequence for NM_019032 edited

```

GGAGCGATGGAGAACTGGACTGGCAGGCCCTGGCTGTATCTGCTGCTTCTGTCCCTC
CCTCAGCTCTGCTTGGATCAGGAGGTGTTGTCCGGACACTCTCTCAGACACCTACAGAG
GAGGGCCAGGGCCCCGAAGGTGTCTGGGGACCTTGGGTCCAGTGGGCCTTTGCTCCAG
CCCTGCGGGGTGGGGGTGCAGCGCAGGAGCCGGACATGTCAGCTCCCTACAGTGCAGCTC
CACCCGAGTCTGCCCCCTCCCTCCCGGCCCAAGACATCCAGAAGCCCTCCTCCCCGG
GGCCAGGGTCCCAGACCCAGACTTCTCCAGAAACCCCTCCCTTGTACAGGACACAGTCT
CGGGGAAGGGGTGGCCACTTCGAGGTCCCGCTTCCACCTAGGGAGAGAGGAGACCCAG
GAGATTCGAGCGGCCAGGAGGTCCCGGCTTCGAGACCCCATCAAGCCAGGAATGTTCCGT
TATGGGAGAGTGCCCTTTGCATTGCCACTGCACCGGAACCGCAGGCACCCTCGGAGCCCA
CCCAGATCTGAGCTGTCCCTGATCTCTTCTAGAGGGGAAGAGCCTATTCCGTCCCCTACT
CCAAGAGCAGAGCCATTCTCCGCAAACGGCAGCCCCCAAAGTCTGCTCCCTCCACAGAA
CTGTCTGTCCACACCCCATCCCCCAAGCAGAACCTCTAAGCCCTGAAACTGCTCAGACA
GAGGTGGCCCCCAGAACCAGGCCTGCCCCCTACGGCATCACCCAGAGCCCAGGCCTCT
GGCACAGAGCCCCCTCACCCACGCACTCCTTAGGAGAAGGTGGCTTCTTCCGTGCATCC
CCTCAGCCACGAAGGCCAAGTCCAGGGTTGGGCCAGTCCCCAGGTAGCAGGGAGACGC
CCTGATCCTTTTCTTCCGTCCCTCGGGGCCGAGGCCAGCAGGGTCAAGGGCCTTGGGGA
ACGGGGGGGACTCCTACGGGGCCCCGCCTGGAGCCTGACCCTCAGCACCCGGGCGCCTGG
CTGCCCCTGCTGAGCAACGGCCCCCATGCCAGTCCCTCTGGAGCCTCTTTGCTCCCACT
AGCCCTATTCCAAGATGTTCTGGGGAGAGTGAACAGCTAAGAGCCTGCAGCCAAGCGCCC
TGCCCCCTGAGCAGCCAGACCCCGGGCCCTGCAGTGCGCAGCCTTTAACTCCCAGGAA
TTCATGGGCCAGCTGTATCAGTGGGAGCCCTTCACTGAAGTCCAGGGCTCCCAGCGCTGT
GAACTGAACTGCCGGCCCCGTGGCTTCCGCTTCTATGTCCGTCACTGAAAAGTCCAG
GATGGGACCTGTGTGAGCCTGGAGCCCCTGACATCTGTGTGGCTGGACGCTGTCTGAGC
CCCGGCTGTGATGGGATCCTTGGCTCTGGCAGGCGTCTGATGGCTGTGGAGTCTGTGGG
GGTGATGATTCTACCTGTGCGCTTGTTCGGGGAACCTCACTGACCGAGGGGGCCCCCTG
GGCTATCAGAAGATCTTGTGGATTCCAGCGGGAGCCTTGGCGCTCCAGATTGCCAGCTC

```


[View online »](#)

CGGCCTAGCTCCAACTACCTGGCACTTCGTGGCCCTGGGGGCCGGTCCATCATCAATGGG
 AACTGGGCTGTGGATCCCCCTGGGTCTACAGGGCCGGCGGGACCGTCTTTCGATATAAC
 CGTCCTCCCAGGGAGGAGGGCAAAGGGGAGAGTCTGTGGCTGAAGGCCCAACCCAG
 CCTGTGGATGTCTATATGATCTTTCAGGAGGAAAACCCAGGCGTTTTTATCAGTATGTC
 ATCTCTTACCTCCTCCAATCCTTGAGAACCCACCCAGAGCCCCGTGTCCCCAGCTT
 CAGCCGGAGATTCTGAGGGTGGAGCCCCCACTTGCTCCGGCACCCCGCCAGCCCGGACC
 CCAGGCACCTCCAGCGTCAGGTGCGGATCCCCAGATGCCCGCCCCGCCCATCCCAGG
 ACACCCCTGGGGTCTCCAGTGCCTACTGGAAACGAGTGGGACACTCTGCATGCTCAGCG
 TCTGCGGGAAGGTGTCTGGCGCCCCATTTCTCTGCATCTCCCGTGAAGTGGGAGAG
 GAACTGGATGAACGCAGCTGTGCCGCGGGTGCCAGGCCCCAGCCTCCCCTGAACCTGC
 CACGGCACCCATGCCCCCATACTGGGAGGCTGGCGAGTGGACATCCTGCAGCCGCTCC
 TGTGGCCCCGGCACCCAGCACCGCCAGCTGCAGTGCCGGCAGGAATTTGGGGGGGTGGC
 TCCTCGGTGCCCGGAGCGCTGTGGACATCTCCCCGGCCCAACATACCCAGTCTTGC
 CAGCTGCGCCTCTGTGGCATTGGGAAGTTGGCTCTCCTTGGAGCCAGTCTCCGTGCGG
 TGCGGCCGGGGCCAGAGAAGCCGGCAGGTTTCGTGTGTTGGGAACAACGTTGATGAAGT
 AGCGAGCAGGAGTGTGCGTCAGGCCCCCGCAGCCCCCAGCAGAGAGGCTGTGACATG
 GGGCCCTGTACTACTGCCTGGTTCACAGCGACTGGAGCTCCAAGTGTCTAGCCGAGTGT
 GGGACGGGAATCCAGCGGCGCTCTGTGGTCTGCCTTGGGAGTGGGGCAGCCCTCGGGCCA
 GGCCAGGGGGAAGCAGGAGCAGGAACCTGGGCAGAGCTGTCCAACAGGAAGCCGGCCCCCT
 GACATGCGCGCCTGCAGCCTGGGGCCCTGTGAGAGAACTTGGCGTGGTACACAGGGCCC
 TGGGGTGAGTGTCTCCGAATGTGGCTCTGGCACACAGCGTAGAGACATCATCTGTGTA
 TCCAACTGGGGACGGAGTTCAACGTGACTTCTCCGAGCAACTGTTCTCACCTCCCCAGG
 CCCCCTGCCCTGCAGCCCTGTCAAGGGCAGGCCCTGCCAGGACCGATGGTTTTCCACGCCC
 TGGAGCCCATGTTCTCGCTCCTGCCAAGGGGAACGCAGACACGGGAGGTCCAGTGCCCTG
 AGCACCAACCAGACCCTCAGCACCCGATGCCCTCCTCAACTGCGGCCCTCCAGGAAGCGC
 CCCTGTAAACAGCCAACCCTGCAGCCAGCGCCCTGATGATCAATGCAAGGACAGCTCTCCA
 CATTGCCCCCTGGTGGTACAGGCCCGGCTCTGCGTCTACCCCTACTACACAGCCACCTGT
 TGCCGCTCTTGCGCACATGTCTGGAGCGGTCTCCCCAGGATCCCTCCTGAAAGGGGTCC
 GGGGCACCTTCACGGTTTTCTGTGCCACCATCGGTCACCCATTGATCGGCCCACTCTGAA
 CCCCCTGGCTCTCAGCCTGTCCAGTCTCAGCAGGGATGCTCTCAGGTGACAGAGGGT
 GGCAAGGTGACTGACACAAAGTACTTTAGGGGCTGTGGTCAAGGCCCATGTGGTGGTGTG
 ATGGGTGTGTGCACATATGCCTCAGGTGTGCTTTTGGGACTGCATGGATATGTGTGTGT
 CAAACGTGTATCACTTTCAAAAAGAGGTTACACAGACTGAGAAGGACAAGACCTGTTTC
 CTTGAGACTTTCTAGGTGGAAGGAAAGCAAGTCTGCAGTTCCTTGCTAATCTGAGCTA
 CTTAGAGTGTGGTCTCCCCACCAACTCCAGTTTTGTGCCCTAAGCCTCATTTCTCATGTT
 CAGACCTCACATCTTCTAAGCCGCCCTGTGTCTGTGACCCCTTCTCATTTGCCTAGTATC
 TCTGCCCTGCCTCCCTAATTAGCTAGGGCTGGGGTCAGCCACTGCCAATCCTGCCTTAC
 TCAGGAAGGCAGGAGGAAAGAGACTGCCTCTCCAGAGCAAGGCCAGCTGGGCAGAGGGT
 GAAAAAGAGAAATGTGAGCATCCGCTCCCCACCACCCCGCCAGCCCTAGCCCCACTC
 CTGCCTCCTGAAATGGTTCCACCCAGAACTAATTTATTTTTTTATTAAGATGGTCATG
 ACAATGAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_019032

Insert Size:

4000 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 clone was fully sequenced and ORF matches with that of NM_019032.4. A few SNPs also exist 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:	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_019032.4, NP_061905.2</u>
RefSeq Size:	4209 bp
RefSeq ORF:	3225 bp
Locus ID:	54507
UniProt ID:	<u>Q6UY14</u>
Cytogenetics:	1q21.2
Domains:	tsp_1
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 (1) lacks an in-frame exon in the central coding region, compared to variant 4. The encoded isoform (1) is shorter, compared to isoform 4.