

Product datasheet for **SC337798**

ADAMTSL4 (NM_001288607) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTSL4 (NM_001288607) 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)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001288607, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAAGTGGACTGGCAGGCCCTGGCTGTATCTGCTGCTGCTTCTGTCCCTCCCTCAGCTCTGCTTGG
ATCAGGAGGTGTGTCCGACACTCTCTCAGACACTACAGAGGAGGGCCAGGGCCCCAAGGTGTCTG
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TGTGAGCTCCCTACAGTGCAGCTCCACCGAGTCTGCCCTCCCTCCCGGCCCCCAAGACATCCAGAAG
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GTCTCGGGGAAGGGTGGCCACTTCGAGGTCCCGCTTCCACCTAGGGAGAGAGGAGACCAGGAGATT
CGAGCGGCCAGGAGGTCCCGCTTCGAGACCCATCAAGCCAGGAATGTTGCGTTATGGGAGAGTGCCTT
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ACCCTGCCACGGCACCCCATGCCCCCATACTGGGAGGCTGGCGAGTGGACATCCTGCAGCCGCTCCTGT
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TGTAACAGCCAACCTGCAGCCAGCGCCCTGATGATCAATGCAAGGACAGCTCTCCACATGCCCCCTGG
TGGTACAGGCCCGCTCTGCGTCTACCCCTACTACACAGCCACCTGTTGCCGCTCTTGCACATGTCCT
GGAGCGGTCTCCCAGGATCCCTCTGA
    
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Restriction Sites: SgfI-MluI

ACCN:	NM_001288607
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:	<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_001288607.1</u> , <u>NP_001275536.1</u>
RefSeq Size:	4145 bp
RefSeq ORF:	3108 bp
Locus ID:	54507
UniProt ID:	<u>Q6UY14</u>
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 (3) uses two alternate in-frame splice sites in the central coding region, compared to variant 4. The encoded isoform (3) is shorter, compared to isoform 4.</p>