

## Product datasheet for **SC318670**

### ADAMTSL1 (NM\_001040272) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTSL1 (NM_001040272) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAMTSL1
Synonyms:	ADAMTSL-1; ADAMTSR1; C9orf94; PUNCTIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318670 representing NM_001040272. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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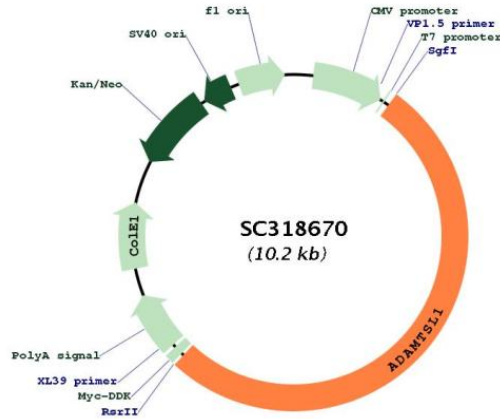
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```

**Restriction Sites:**

Sgfl-RsrII

**Plasmid Map:**



**ACCN:**

NM\_001040272

**Insert Size:**

5289 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\\_001040272.5](#)

**RefSeq Size:**

7858 bp

RefSeq ORF: 5289 bp

Locus ID: 92949

UniProt ID: [Q8N6G6](#)

Cytogenetics: 9p22.2-p22.1

Protein Families: Secreted Protein

MW: 193.4 kDa

**Gene Summary:** This gene encodes a secreted protein and member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) family. This protein lacks the metalloproteinase and disintegrin-like domains, which are typical of the ADAMTS family, but contains other ADAMTS domains, including the thrombospondin type 1 motif. This protein may have important functions in the extracellular matrix. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (4) encodes the longer isoform (4). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.