

## Recombinant Human ADAMTSL4 protein, GST-tagged

**Cat. No.** ADAMTSL4-32H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ADAMTSL4(1 a.a. - 424 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-424 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | 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. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 72.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MPAPPHPRTPLGSPAAYWKRVGHSACASCGKGVWRPIFLCISRESGEELDERSC<br>AAGARPPASPEPCHGTPCPP YWEAGEWTSCSRSCGPGTQHRQLQCRQEFGGGG<br>SSVPPERCGHLPRPNITQSCQLRLCGHWEVGSPWSQCSVRCG RGQRSRQVRCV<br>GNNGDEVSEQECASGPPQPPSREACDMGPCTTAWFHSDWSSKCSAECGTGIQRR<br>SVVCLGSGAA LGPGQGEAGAGTGQSCPTGSRPPDMRACSLGPCERTWRWYTGP                                                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

WGECSSSECGSGTQRRDIICVSKLGTEFNVTSP SNCSHLPRPPALQPCQGQACQDR  
WFSTPWSPCSRSCQGGTQTREVVQCLSTNQTLSRCPPLRPSRKRPCNSQPC SQ  
RPDDQCKDSSPHCPLVVQARLCVYPYYTATCCRS CAHVLERSPQDPS

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
Antibody Production; Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name**

ADAMTSL4 ADAMTS-like 4 [ Homo sapiens ]

**Official Symbol**

ADAMTSL4

**Synonyms**

ADAMTSL4; ADAMTS-like 4; thrombospondin repeat containing 1 , TSRC1;  
ADAMTS-like protein 4; DKFZP434K1772; ADAMTSL-4; thrombospondin repeat  
containing 1; thrombospondin repeat-containing protein 1; TSRC1;

**Gene ID**

54507

**mRNA Refseq**

NM\_019032

**Protein Refseq**

NP\_061905

**MIM**

610113

**UniProt ID**

Q6UY14

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                            |                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------|
| <b>Chromosome Location</b> | 1q21.2                                                                                |
| <b>Function</b>            | metalloendopeptidase activity; peptidase activity; protease binding; protein binding; |