

Recombinant Human ADAMTSL4 protein, GST-tagged

Cat. No. ADAMTSL4-33H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTSL4(1 a.a. - 424 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-424 a.a.
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	71.43 kDa
AA Sequence	MPAPPHPRTPLGSPAAYWKRVGHSACASCGKGVWRPIFLCISRESGEELDERSC AAGARPPASPEPCHGTPCPP YWEAGEWTSCSRSCGPGTQHRQLQCRQEFGGGG SSVPPERCGHLPRPNITQSCQLRLCGHWEVGSPWSQCSVRCG RGQRSRQVRCV GNNGDEVSEQECASGPPQPPSREACDMGPCTTAWFHSDWSSKCSAECGTGIQRR SVVCLGSGAA LGPGQGEAGAGTGQSCPTGSRPPDMRACSLGPCERTWRWYTGP

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WGECSSSECGSGTQRRDIICVSKLGTEFNVTSP SNCSHLPRPPALQPCQGQACQDR
WFSTPWSPCSRSCQGGTQTREVVQCLSTNQTLSRCPPLRPSRKRPCNSQPC SQ
RPDDQCKDSSPHCPLVVQARLCVYPYYTATCCRSCAHLVRLERSPQDPS

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

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Chromosome Location	1q21.2
Function	metalloendopeptidase activity; peptidase activity; protease binding; protein binding;