Recombinant Human ADAMTSL4 protein, GST-tagged

Cat. No. ADAMTSL4-32H **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	72.2 kDa
AA Sequence	MPAPPHPRTPLGSPAAYWKRVGHSACSASCGKGVWRPIFLCISRESGEELDERSC AAGARPPASPEPCHGTPCPP YWEAGEWTSCSRSCGPGTQHRQLQCRQEFGGGG SSVPPERCGHLPRPNITQSCQLRLCGHWEVGSPWSQCSVRCG RGQRSRQVRCV GNNGDEVSEQECASGPPQPPSREACDMGPCTTAWFHSDWSSKCSAECGTGIQRR SVVCLGSGAA LGPGQGEAGAGTGQSCPTGSRPPDMRACSLGPCERTWRWYTGP

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	WGECSSECGSGTQRRDIICVSKLGTEFNVTSP SNCSHLPRPPALQPCQGQACQDR WFSTPWSPCSRSCQGGTQTREVQCLSTNQTLSTRCPPQLRPSRKRPCNSQPC SQ RPDDQCKDSSPHCPLVVQARLCVYPYYTATCCRSCAHVLERSPQDPS
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;

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