

## Recombinant Human ADAMTS1 Protein, GST-tagged

Cat. No. ADAMTS1-296H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ADAMTS1 partial ORF ( AAH36515, 858 a.a. - 967 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	37.84 kDa
<b>AA Sequence</b>	WVIEEWGECSSKSELGWQRRLVECRDINGQPASECAKEVKPASTRPCADHPCPQ WQLGEWSSCSKTGKGYKKRSLKCLSHDGGVLSHESCDPLKPKHFIDFCTMAEC S
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	ADAMTS1 ADAM metalloproteinase with thrombospondin type 1 motif, 1 [ Homo sapiens ]
<b>Official Symbol</b>	ADAMTS1
<b>Synonyms</b>	ADAMTS1; ADAM metalloproteinase with thrombospondin type 1 motif, 1; a disintegrin like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 1; A disintegrin and metalloproteinase with thrombospondin motifs 1; C3 C5; KIAA1346; METH1; METH-1; ADAM-TS1; ADAMTS-1; ADAM-TS 1; human metalloproteinase with thrombospondin type 1 motifs; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 1; C3-C5;
<b>Gene ID</b>	9510
<b>mRNA Refseq</b>	NM_006988
<b>Protein Refseq</b>	NP_008919
<b>MIM</b>	605174

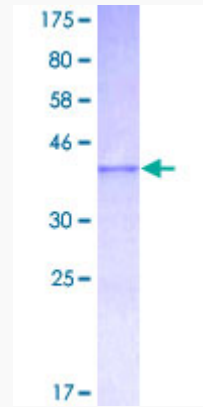
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UniProt ID

Q9UH18



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