

Recombinant Human ADAMTS12 Protein, GST-tagged

Cat. No. ADAMTS12-298H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAMTS12 full-length ORF (AAH58841.1, 1 a.a. - 229 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) 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-1) motif. Individual members of this family differ in the number of C-terminal TS-1 motifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains eight TS-1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. [provided by RefSeq, Jul 2008]
Molecular Mass	52.4 kDa
AA Sequence	MPCAQRSWLANLSVVAQLLNFGALCYGRQPQPGPVRFPDRRQEHIKGLPEYHVV GPVRVDASGHFLSYGLHYPITSSRRKRDLGDSEDWVYYRISHEEKDLFFNLTVNQG FLSNSYIMEKRYGNLSHVKMMASAPLCHLSGTVLQQGTRVGTAALSACHGLTGFF QLPHGDFFIIEPVKKHPLVEGGYHPHIVYRRQKVPETKEPTCGLKGIVTHMSSWVEES VLFFW

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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.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ADAMTS12 ADAM metalloproteinase with thrombospondin type 1 motif, 12 [Homo sapiens]
Official Symbol	ADAMTS12
Synonyms	ADAMTS12; ADAM metalloproteinase with thrombospondin type 1 motif, 12; a disintegrin like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 12; A disintegrin and metalloproteinase with thrombospondin motifs 12; ADAM-TS12; ADAMTS-12; ADAM-TS 12; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 12; PRO4389;
Gene ID	81792
mRNA Refseq	NM_030955
Protein Refseq	NP_112217
MIM	606184

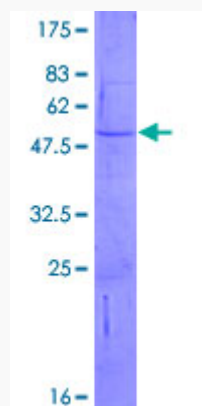
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UniProt ID

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