

Recombinant Human ADAMTS10 Protein

Cat. No. ADAMTS10-297H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAMTS10 (NP_001101.1, 214 a.a. - 672 a.a.) partial recombinant protein expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	214-672 a.a.
Description	This gene belongs to the ADAMTS (a disintegrin and metalloproteinase domain with thrombospondin type-1 motifs) family of zinc-dependent proteases. ADAMTS proteases are complex secreted enzymes containing a prometalloprotease domain of the repolysin type attached to an ancillary domain with a highly conserved structure that includes at least one thrombospondin type 1 repeat. They have been demonstrated to have important roles in connective tissue organization, coagulation, inflammation, arthritis, angiogenesis and cell migration. The product of this gene plays a major role in growth and in skin, lens, and heart development. It is also a candidate gene for autosomal recessive Weill-Marchesani syndrome. [provided by RefSeq, Jul 2008]
Form	Liquid
AA Sequence	TTSAEKNTCQLYIQTDHLFFKYYGTREAVIAQISSHVKAIDTIYQTTFSGIRNISFMVK RIRINTTADEKDPTNPFRFPNIGVEKFLELNSEQNHDDYCLAYVFTDRDFDDGVLGLA WVGAPSGSSGGICEKSKLYSDGKKKSLNTGIITVQNYGSHVPPKVSHITFAHEVGHN

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FGSPHDSGTECTPGESKNLGQKENGNYIMYARATSGDKLNNNKFS LCSIRNISQVLE
 KKRNNCFVESGQPICGNMVEQGEEDCGYSDQCKDECCFDANQPEGRKCKLKP
 GKQCSPSQGPCCTAQCAFKSKSEKCRDDSDCAREGICNGFTALCPASDPKPNFTD
 CNRHTQVCINGQCAGSICEKYGLEECTCASSDGKDDKELCHVCCMKKMDPSTCAS
 TGSVQWSRHFSGRTITLQPGSPCNDFRGYCDVFMRCRLVDADGPLARLKAIFSPE
 LYENIAE

Purity > 95% by SDS-PAGE

Applications SDS-PAGE

Storage Store at -20 centigrade. For long term storage store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer In PBS (50% glycerol)

GENE INFORMATION

Gene Name [ADAMTS10 ADAM metalloproteinase with thrombospondin type 1 motif, 10 \[Homo sapiens \]](#)

Official Symbol [ADAMTS10](#)

Synonyms ADAMTS10; ADAM metalloproteinase with thrombospondin type 1 motif, 10; a disintegrin like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 10; A disintegrin and metalloproteinase with thrombospondin motifs 10; ADAM TS10; ADAMTS-10; ADAM-TS 10; zinc metalloendopeptidase; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 10; WMS; WMS1; ADAM-TS10;

Gene ID [81794](#)

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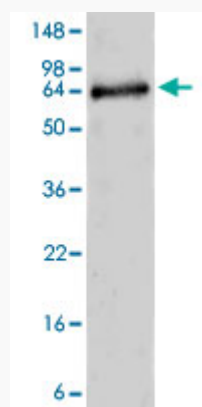
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mRNA Refseq NM_030957

Protein Refseq NP_112219

MIM 608990

UniProt ID Q9H324



10% SDS-PAGE Result

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