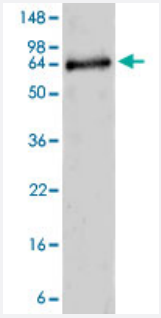
ADAMTS10 (Human) Recombinant Protein

Catalog # P3798 Size 10 ug

Applications



Specification

Product Description	Human ADAMTS10 (NP_001101.1, 214 a.a. - 672 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	TTSAEKNTCQLYIQTDHLFFKYYGTREAVIAQISSHVKAIDTIYQTTDFSGIRNISFMVKRIRINTTADEK DPTNPFRFPNIGVEKFLELNSEQNHDDYCLAYVFTDRDFDDGVLGLAWVGAPSGSSGGICEKSK LYSDGKKKSLNTGIITVQNYGSHVPPKVSHITFAHEVGHNFGSPHDSGTECTPGESKNLGQKENG NYIMYARATSGDKLNNNKFSLCSIRNISQVLEKKRNNCFVESGQPICGNGMVEQGEECDCGYSDQ CKDECCFDANQPEGRKCKLKPGKQCSPSQGPCCTAQCAFKSKSEKCRDDSDCAREGICNGFT ALCPASDPKPNFTDCNRHTQVCINGQCAGSICEKYGLEECTCASSDGKDDKELCHVCCMKKMD PSTCASTGSVQWSRHFSGRTITLQPGSPCNDFRGYCDVFMRCRLVDADGPLARLKKAIFSPELY ENIAE
Host	Escherichia coli
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Quality Control Testing	10% SDS-PAGE Result
Storage Buffer	In PBS (50% glycerol)

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

Applications

- SDS-PAGE

Gene Info — ADAMTS10

Entrez GeneID	81794
Protein Accession#	NP_001101.1
Gene Name	ADAMTS10
Gene Alias	ADAM-TS10, WMS
Gene Description	ADAM metallopeptidase with thrombospondin type 1 motif, 10
Omim ID	277600 608990
Gene Ontology	Hyperlink
Gene Summary	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 reprolysin 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
Other Designations	Weill-Marchesani syndrome|a disintegrin and metalloproteinase with thrombospondin motifs 10|a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 10|a disintegrin-like and metalloprotease domain with thrombospondin typ