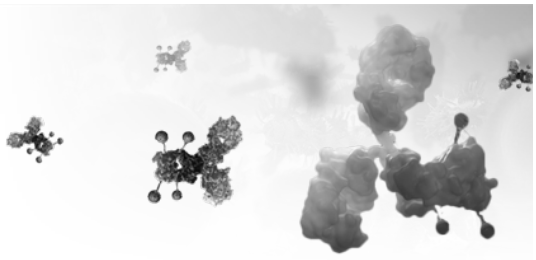

ADAMTS10 peptide (DAG-P1343)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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 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, Jul 2008]
Specificity	Widely expressed in adult tissues.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Contains 1 disintegrin domain.Contains 1 peptidase M12B domain.Contains 1 PLAC domain.Contains 5 TSP type-1 domains.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

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GENE INFORMATION

Gene Name	ADAMTS10 ADAM metallopeptidase with thrombospondin type 1 motif, 10 [Homo sapiens (human)]
Official Symbol	ADAMTS10
Synonyms	ADAMTS10; ADAM metallopeptidase with thrombospondin type 1 motif, 10; WMS; WMS1; ADAM-TS10; ADAMTS-10; A disintegrin and metalloproteinase with thrombospondin motifs 10; ADAM-TS 10; zinc metalloendopeptidase; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 10;
Entrez Gene ID	81794
mRNA Refseq	NM_001282352.1
Protein Refseq	NP_001269281.1
UniProt ID	M0QZE4
Chromosome Location	19p13.2
Function	metalloendopeptidase activity; molecular_function; protein binding; zinc ion binding;

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