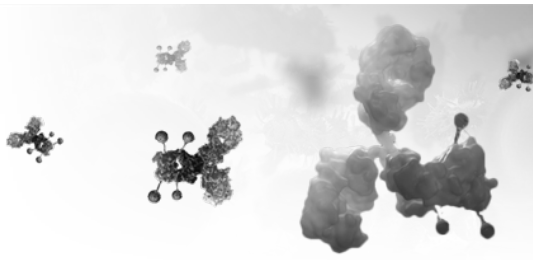

ADAMTS13 peptide (DAG-P0055)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. The enzyme encoded by this gene specifically cleaves von Willebrand Factor (vWF). Defects in this gene are associated with thrombotic thrombocytopenic purpura. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Specificity	Plasma. Expressed primarily in liver.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	Contains 2 CUB domains.Contains 1 disintegrin domain.Contains 1 peptidase M12B domain.Contains 8 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

GENE INFORMATION

Gene Name	ADAMTS13 ADAM metallopeptidase with thrombospondin type 1 motif, 13 [Homo sapiens

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	(human)]
Official Symbol	ADAMTS13
Synonyms	ADAMTS13; ADAM metallopeptidase with thrombospondin type 1 motif, 13; VWFCP; C9orf8; vWF-CP; ADAM-TS13; ADAMTS-13; A disintegrin and metalloproteinase with thrombospondin motifs 13; vWF-cleaving protease; von Willebrand factor-cleaving protease; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 13;
Entrez Gene ID	11093
mRNA Refseq	NM_139025.4
Protein Refseq	NP_620594.1
UniProt ID	Q76LX8
Chromosome Location	9q34
Function	calcium ion binding; integrin binding; metalloendopeptidase activity; metallopeptidase activity; protein binding; zinc ion binding;

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