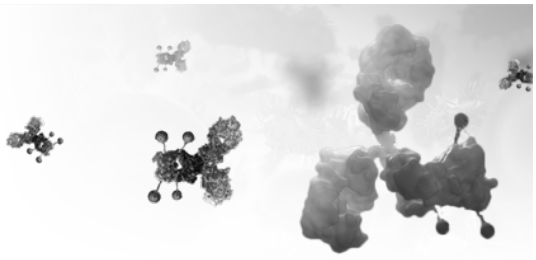

ADAMTS9 peptide (DAG-P0112)

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

PRODUCT INFORMATION

Antigen 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) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. Members of the ADAMTS family have been implicated in the cleavage of proteoglycans, the control of organ shape during development, and the inhibition of angiogenesis. This gene is localized to chromosome 3p14.3-p14.2, an area known to be lost in hereditary renal tumors. [provided by RefSeq, Jul 2008]
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
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	ADAMTS9 ADAM metallopeptidase with thrombospondin type 1 motif, 9 [Homo sapiens (human)]

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Official Symbol	ADAMTS9
Synonyms	ADAMTS9; ADAM metallopeptidase with thrombospondin type 1 motif, 9; A disintegrin and metalloproteinase with thrombospondin motifs 9; ADAM-TS9; ADAMTS-9; ADAM-TS 9; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 9;
Entrez Gene ID	56999
mRNA Refseq	NM_182920.1
Protein Refseq	NP_891550.1
UniProt ID	Q9P2N4
Chromosome Location	3p14.1
Pathway	Degradation of the extracellular matrix, organism-specific biosystem; Degradation of the extracellular matrix, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem;
Function	metalloendopeptidase activity; metallopeptidase activity; zinc ion binding;

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