



ADAMTS8 peptide (DAG-P0147)

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. The enzyme encoded by this gene contains two C-terminal TS motifs, and disrupts angiogenesis in vivo. A number of disorders have been mapped in the vicinity of this gene, most notably lung neoplasms. [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	ADAMTS8 ADAM metalloproteinase with thrombospondin type 1 motif, 8 [Homo sapiens (human)]
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Official Symbol	ADAMTS8
Synonyms	ADAMTS8; ADAM metallopeptidase with thrombospondin type 1 motif, 8; METH2; ADAM-TS8; A disintegrin and metalloproteinase with thrombospondin motifs 8; METH-2; METH-8; ADAMTS-8; ADAM-TS 8; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 8;
Entrez Gene ID	11095
mRNA Refseq	NM_007037.4
Protein Refseq	NP_008968.4
UniProt ID	Q5FWF1
Chromosome Location	11q25
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	heparin binding; integrin binding; low affinity phosphate transmembrane transporter activity; metalloendopeptidase activity; metallopeptidase activity; zinc ion binding;