



ADAMTS12 peptide (DAG-P0130)

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-1) motif. Individual members of this family differ in the number of C-terminal TS-1 motifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains eight TS-1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. [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	ADAMTS12 ADAM metalloproteinase with thrombospondin type 1 motif, 12 [Homo sapiens (human)]
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Official Symbol	ADAMTS12
Synonyms	ADAMTS12; ADAM metallopeptidase with thrombospondin type 1 motif, 12; PRO4389; A disintegrin and metalloproteinase with thrombospondin motifs 12; ADAM-TS12; ADAMTS-12; ADAM-TS 12; a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 12;
Entrez Gene ID	81792
mRNA Refseq	NM_030955.2
Protein Refseq	NP_112217.2
UniProt ID	P58397
Chromosome Location	5q35
Function	metalloendopeptidase activity; protein binding; zinc ion binding;