



ADAMTS3 peptide (DAG-P0090)

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 protein encoded by this gene is the major procollagen II N-propeptidase. A deficiency of this protein may be responsible for dermatosparaxis, a genetic defect of connective tissues. [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	ADAMTS3 ADAM metalloproteinase with thrombospondin type 1 motif, 3 [Homo sapiens (human)]
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Official Symbol	ADAMTS3
Synonyms	ADAMTS3; ADAM metalloproteinase with thrombospondin type 1 motif, 3; ADAMTS-4; A disintegrin and metalloproteinase with thrombospondin motifs 3; ADAM-TS3; ADAMTS-3; PC II-NP; ADAM-TS 3; zinc metalloendopeptidase; procollagen II N-proteinase; procollagen II amino propeptide-processing enzyme; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 3;
Entrez Gene ID	9508
mRNA Refseq	NM_014243.2
Protein Refseq	NP_055058.2
UniProt ID	B7Z2U9
Chromosome Location	4q13.3
Pathway	Collagen biosynthesis and modifying enzymes, organism-specific biosystem; Collagen formation, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem;
Function	heparin binding; metalloendopeptidase activity; zinc ion binding;