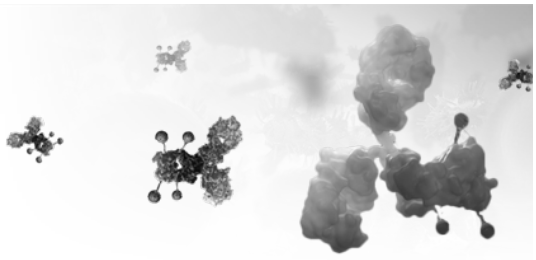

ADAMTS14 peptide (DAG-P0057)

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 motif) 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. This gene is highly similar to two family members, ADAMTS2 and ADAMTS3, in its sequence and gene structure, and the encoded protein shares the aminoprocollagen peptidase activity with the protein products encoded by ADAMTS2 and ADAMTS3. Various transcript variants of this gene have been identified. They result from the use of two different promoters and transcription initiation sites as well as alternative splicing sites. The full length nature of some transcripts has not been defined. [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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	ADAMTS14 ADAM metallopeptidase with thrombospondin type 1 motif, 14 [Homo sapiens (human)]
Official Symbol	ADAMTS14
Synonyms	ADAMTS14; ADAM metallopeptidase with thrombospondin type 1 motif, 14; A disintegrin and metalloproteinase with thrombospondin motifs 14; ADAM-TS14; ADAMTS-14; ADAM-TS 14; metalloprotease-disintegrin protease; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 14;
Entrez Gene ID	140766
mRNA Refseq	NM_080722.3
Protein Refseq	NP_542453.2
UniProt ID	Q8WXS8
Chromosome Location	10q21
Pathway	Collagen biosynthesis and modifying enzymes, organism-specific biosystem; Collagen formation, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem;
Function	metalloendopeptidase activity; zinc ion binding;

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