



ADAMTS17 peptide (DAG-P0133)

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. ADAMTS family members 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 has a high sequence similarity to the protein encoded by ADAMTS19, another family member. The function of this protein has not been determined. [provided by RefSeq, Jul 2008]
Specificity	Isoform 1 and isoform 2 are expressed at high levels in the lung, brain, whole eye and retina. Isoform 1 shows a weaker expression in the heart, kidney and skeletal muscle. Isoform 2 shows a weaker expression in the kidney, bone marrow and skeletal muscle
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Contains 1 disintegrin domain.Contains 1 peptidase M12B domain.Contains 1 PLAC domain.Contains 5 TSP type-1 domains.
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	ADAMTS17 ADAM metallopeptidase with thrombospondin type 1 motif, 17 [Homo sapiens (human)]
Official Symbol	ADAMTS17
Synonyms	ADAMTS17; ADAM metallopeptidase with thrombospondin type 1 motif, 17; A disintegrin and metalloproteinase with thrombospondin motifs 17; ADAM-TS17; ADAMTS-17; ADAM-TS 17; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 17;
Entrez Gene ID	170691
mRNA Refseq	NM_139057.2
Protein Refseq	NP_620688.2
UniProt ID	Q8TE56
Chromosome Location	15q24
Function	metalloendopeptidase activity; zinc ion binding;