



## ADAMTS17 peptide (DAG-P0133)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Specificity</b>	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
<b>Purity</b>	> 95 % by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Sequence Similarities</b>	Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. Contains 1 PLAC domain. Contains 5 TSP type-1 domains.
<b>Format</b>	Liquid
<b>Buffer</b>	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">ADAMTS17 ADAM metallopeptidase with thrombospondin type 1 motif, 17 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ADAMTS17
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">170691</a>
<b>mRNA Refseq</b>	<a href="#">NM_139057.2</a>
<b>Protein Refseq</b>	<a href="#">NP_620688.2</a>
<b>UniProt ID</b>	Q8TE56
<b>Chromosome Location</b>	15q24
<b>Function</b>	metalloendopeptidase activity; zinc ion binding;