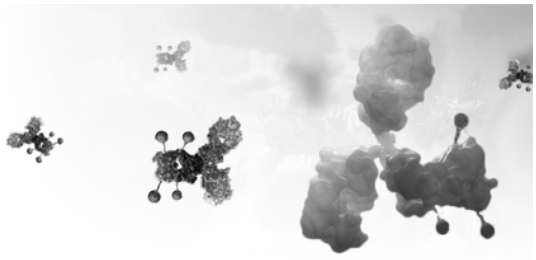

ADAM10 peptide (DAG-P0061)

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

PRODUCT INFORMATION

Antigen Description	Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes and ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin. [provided by RefSeq, Jul 2008]
Specificity	Expressed in spleen, lymph node, thymus, peripheral blood leukocyte, bone marrow, cartilage, chondrocytes and fetal liver.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Contains 1 disintegrin domain.Contains 1 peptidase M12B domain.
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	ADAM10 ADAM metallopeptidase domain 10 [Homo sapiens (human)]
Official Symbol	ADAM10

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Synonyms	ADAM10; ADAM metallopeptidase domain 10; RAK; kuz; AD10; AD18; MADM; CD156c; HsT18717; disintegrin and metalloproteinase domain-containing protein 10; CDw156; kuzbanian protein homolog; mammalian disintegrin-metalloprotease; a disintegrin and metalloprotease domain 10;
Entrez Gene ID	102
mRNA Refseq	NM_001110.3
Protein Refseq	NP_001101.1
UniProt ID	O14672
Chromosome Location	15q22
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Alzheimers Disease, organism-specific biosystem; Collagen degradation, organism-specific biosystem; Constitutive Signaling by NOTCH1 HD Domain Mutants, organism-specific biosystem; Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants, organism-specific biosystem; Constitutive Signaling by NOTCH1 PEST Domain Mutants, organism-s
Function	SH3 domain binding; endopeptidase activity; integrin binding; metalloendopeptidase activity; metalloendopeptidase activity; metallopeptidase activity; metallopeptidase activity; metallopeptidase activity; protein binding; protein homodimerization activity

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