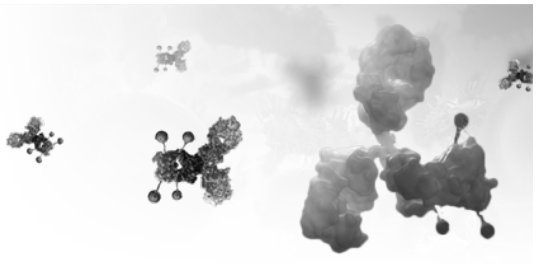

ADAM8 peptide (DAG-P0070)

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 ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene may be involved in cell adhesion during neurodegeneration, and it is thought to be a target for allergic respiratory diseases, including asthma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2009]
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	ADAM8 ADAM metallopeptidase domain 8 [Homo sapiens (human)]
Official Symbol	ADAM8

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

Synonyms	ADAM8; ADAM metallopeptidase domain 8; MS2; CD156; CD156a; disintegrin and metalloproteinase domain-containing protein 8; cell surface antigen MS2; human leukocyte differentiation antigen; a disintegrin and metalloproteinase domain 8;
Entrez Gene ID	101
mRNA Refseq	NM_001109.4
Protein Refseq	NP_001100.3
UniProt ID	P78325
Chromosome Location	10q26.3
Pathway	Degradation of the extracellular matrix, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem;
Function	calcium ion binding; cell adhesion molecule binding; metalloendopeptidase activity; metallopeptidase activity; protein binding; protein self-association; zinc ion binding;

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