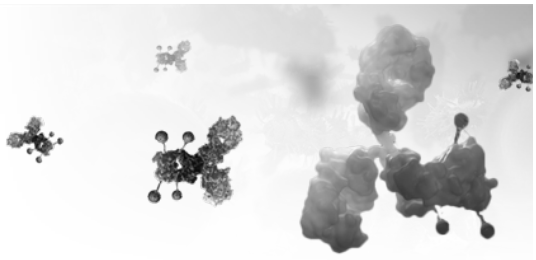

# ADAM19 peptide (DAG-P0066)

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

## PRODUCT INFORMATION

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|---|---|
| **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. This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has been demonstrated to be an active metalloproteinase, which may be involved in normal physiological processes such as cell migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. It is proposed to play a role in pathological processes, such as cancer, inflammatory diseases, renal diseases, and Alzheimers disease. [provided by RefSeq, May 2013] |
| **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** | ADAM19 ADAM metallopeptidase domain 19 [ Homo sapiens (human) ] |

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

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|---|---|
| **Official Symbol** | ADAM19 |
| **Synonyms** | ADAM19; ADAM metallopeptidase domain 19; MLTNB; FKSG34; MADDAM; disintegrin and metalloproteinase domain-containing protein 19; ADAM 19; meltrin-beta; metalloprotease-disintegrin meltrin beta; metalloprotease and disintegrin dendritic antigen marker; a disintegrin and metalloproteinase domain 19 (meltrin beta); |
| **Entrez Gene ID** | 8728 |
| **mRNA Refseq** | NM_033274.4 |
| **Protein Refseq** | NP_150377.1 |
| **UniProt ID** | Q8TBU7 |
| **Chromosome Location** | 5q33.3 |
| **Function** | SH3 domain binding; metalloendopeptidase activity; zinc ion binding; |

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