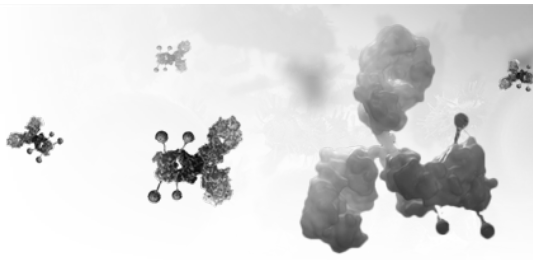

# Human ADAM17 blocking peptide (CDBP2899)

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

## PRODUCT INFORMATION

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| **Product Overview** | TACE ( C - term ) peptide ( human ) |
| **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 biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions as a tumor necrosis factor-alpha converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a prominent role in the activation of the Notch signaling pathway. |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | BL |
| **Concentration** | 0.2 mg/ml |
| **Size** | 50 µg |
| **Buffer** | PBS with 0.1% BSA 0.02% sodium azide pH7.2 |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Upon receipt - Keep as concentrated solution. Aliquot and store at -20℃ or below. Avoid freeze-thaw cycles. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | ADAM17 ADAM metallopeptidase domain 17 [ Homo sapiens ] |

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|---|---|
| **Official Symbol** | ADAM17 |
| **Synonyms** | ADAM17; ADAM metallopeptidase domain 17; TACE, tumor necrosis factor, alpha, converting enzyme; disintegrin and metalloproteinase domain-containing protein 17; CD156B; cSVP; TNF-alpha convertase; snake venom-like protease; TNF-alpha converting enzyme; ADAM metallopeptidase domain 18; tumor necrosis factor, alpha, converting enzyme; CSVP; TACE; NISBD; ADAM18; |
| **Entrez Gene ID** | 6868 |
| **mRNA Refseq** | NM_003183 |
| **Protein Refseq** | NP_003174 |
| **UniProt ID** | P78536 |
| **Chromosome Location** | 2p25 |
| **Pathway** | Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Disease, organism-specific biosystem; Epithelial cell signaling in Helicobacter pylori infection, organism-specific biosystem; |
| **Function** | PDZ domain binding; SH3 domain binding; integrin binding; interleukin-6 receptor binding; metal ion binding; metalloendopeptidase activity; metalloendopeptidase activity; metallopeptidase activity; metallopeptidase activity; metallopeptidase activity; pep |

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