



Human ADAM17 blocking peptide (CDBP0313)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ADAM17/TACE antibody
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	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ADAM17 ADAM metallopeptidase domain 17 [Homo sapiens]
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