



Human ADAM10 blocking peptide (CDBP0311)

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

PRODUCT INFORMATION

Product Overview	ADAM10 (C - term) peptide (human)
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 an ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin.
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°C or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	ADAM10 ADAM metallopeptidase domain 10 [Homo sapiens]
Official Symbol	ADAM10
Synonyms	ADAM10; ADAM metallopeptidase domain 10; a disintegrin and metalloproteinase domain 10; disintegrin and metalloproteinase domain-containing protein 10; CD156c; HsT18717; kuz; MADM; CDw156; ADAM 10; kuzbanian protein homolog; mammalian disintegrin-

metalloprotease; a disintegrin and metalloprotease domain 10; AD10;

Entrez Gene ID	102
mRNA Refseq	NM_001110
Protein Refseq	NP_001101
UniProt ID	O14672
Chromosome Location	15q2
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Disease, organism-specific biosystem; Epithelial cell signaling in Helicobacter pylori infection, organism-specific biosystem; Epithelial cell signaling in Helicobacter pylori infection, conserved biosystem;
Function	SH3 domain binding; endopeptidase activity; integrin binding; metal ion binding; metalloendopeptidase activity; metallopeptidase activity; metallopeptidase activity; metallopeptidase activity; peptidase activity; protein binding; protein homodimerization