



Human ADAM12 blocking peptide (CDBP0312)

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

PRODUCT INFORMATION

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| Product Overview | Blocking/Immunizing peptide for anti-ADAM12 antibody |
| Antigen Description | This gene encodes a member of a family of proteins that are 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. Expression of this gene has been used as a maternal serum marker for pre-natal development. Alternative splicing results in multiple transcript variants encoding different isoforms. Shorter isoforms are secreted, while longer isoforms are membrane-bound form. |
| 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

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| Gene Name | ADAM12 ADAM metalloproteinase domain 12 [Homo sapiens] |
| Official Symbol | ADAM12 |
| Synonyms | ADAM12; ADAM metalloproteinase domain 12; a disintegrin and metalloproteinase domain 12 (meltrin alpha); disintegrin and metalloproteinase domain-containing protein 12; MCMPMItna; |

meltrin alpha; MLTN; meltrin-alpha; MCMP; MLTNA;

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| Entrez Gene ID | 8038 |
| mRNA Refseq | NM_003474 |
| Protein Refseq | NP_003465 |
| UniProt ID | O43184 |
| Chromosome Location | 10q26 |
| Pathway | Disease, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by EGFR, organism-specific biosystem; Signaling by EGFR in Cancer, organism-specific biosystem; Syndecan-4-mediated signaling events, organism-specific biosystem; |
| Function | SH3 domain binding; metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; protein binding; zinc ion binding; |