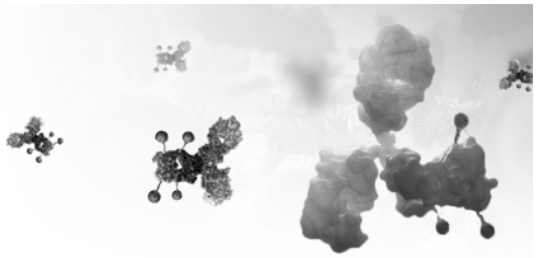

# Human CTTN blocking peptide (CDBP0862)

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

## PRODUCT INFORMATION

| | |
|---|---|
| **Product Overview** | Blocking/Immunizing peptide for anti-Cortactin/EMS1 antibody |
| **Antigen Description** | This gene is overexpressed in breast cancer and squamous cell carcinomas of the head and neck. The encoded protein is localized in the cytoplasm and in areas of the cell-substratum contacts. This gene has two roles: (1) regulating the interactions between components of adherens-type junctions and (2) organizing the cytoskeleton and cell adhesion structures of epithelia and carcinoma cells. During apoptosis, the encoded protein is degraded in a caspase-dependent manner. The aberrant regulation of this gene contributes to tumor cell invasion and metastasis. Three splice variants that encode different isoforms have been identified for this gene. [provided by RefSeq, May 2010] |
| **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** | CTTN cortactin [ Homo sapiens (human) ] |
| **Official Symbol** | CTTN |

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|---|---|
| **Synonyms** | CTTN; cortactin; EMS1; src substrate cortactin; amplaxin; 1110020L01Rik; oncogene EMS1; ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate); |
| **Entrez Gene ID** | 2017 |
| **mRNA Refseq** | NM_001184740.1 |
| **Protein Refseq** | NP_001171669.1 |
| **UniProt ID** | Q14247 |
| **Chromosome Location** | 11q13 |
| **Pathway** | Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; E-cadherin signaling in the nascent adherens junction, organism-specific biosystem; FGF signaling pathway, organism-specific biosystem; N-cadherin signaling events, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, c |
| **Function** | protein binding; |

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