



# Recombinant Human Src substrate cortactin (CTTN)

<b>Product Code</b>	CSB-EP623911HU-B
<b>Abbreviation</b>	CTTN
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q14247
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MWKASAGHAVSIAQDDAGADDWETDPDFVNDVSEKEQRWGAKTVQGSQGHQ EHINIHKLRE NVFQEHQTLKEKELETGPKASHGYGGKFGVEQDRMDKSAVGHEYQSKLSKH CSQVDSVRG FGGKFGVQMDRVDQSAVGFQYQGGKTEKHASQKDYSSGFGGKYGVQADRVD KSAVGFDYQG KTEKHESQRDYSKGFQGGKYGIDKDKVDKSAVGFQYQGGKTEKHESQKDYVKGF GGKFGVQT DRQDKCALGWDHQEKLQLHESQKDYSGFGGKYGVQKDRMDKNASTFEDV TQVSSAYQKT VPVEAVTSKTSNIRANFENLAKEKEQEDRRKAEAEARAQRMAREQEQEEARR KLEEQARA KTQTTPPVSPAPQPTTEERLPSSPVYEDAASFKAELSYRGPVSGTEPEPVYSME AADYREAS SQQGLAYATEAVYESAEAPGHYPAEDSTYDEYENDLGITAVALYDYQAAGDD EISFDPDD IITNIEMIDDGWWRGVCKGRYGLFPANYVELRQ
<b>Source</b>	E.coli
<b>Target Names</b>	CTTN
<b>Protein Names</b>	Recommended name: Src substrate cortactin Alternative name(s): Amplexin Oncogene EMS1
<b>Expression Region</b>	1-513
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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. Two splice variants that encode different isoforms have been identified for this gene.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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