



# Recombinant Mouse Src substrate cortactin (Ctn)

<b>Product Code</b>	CSB-YP720150MO
<b>Abbreviation</b>	Ctn
<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>	Q60598
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MWKASAGHAV SITQDDGGAD DWETDPDFVN DVSEKEQRWG AKTVQGSQH Q EHINIKLRE NVFQEHQTLK EKELETGPKA SHGYGGKFGV EQDRMDRS AV GHEYQSKLSK HCSQVDSVRG FGGKFGVQMD RVDQSAVGFE YQGKTEK HAS QKDYSSGFGG KYGVQADRVD KSAVGFDYQG KTEKHESQKD YSKGFGGKYG IDKDKVDKSA VGFEYQGKTE KHESQKDYVK GFGGKFGVQT DRQDKCALGW DHQEKLQLHE SQKDYKTGFG GKFGVQSERQ DSSAVGFDYK ERLAKHESQQ DYAKGFGGKY GVQKDRMDKN ASTFEEVVQV PSAYQKTVPI EAVTSKTSNI RANFENLAKE REQEDRRKAE AERAQRMAKE RQEQUEARRK LEEQARAKKQ TPPASPSPQP IEDRPPSSPI YEDAAPFKAE PSYRGSEPEP EYSIEAAGIP EAGSQQLTY TSEPVYETTE APGHYQAEDD TYDGYESDLG ITAIALYDYQ AAGDDEISFD PDDIITNIEM IDDGWWRGVC KGRYGLFPAN YVELRQ
<b>Source</b>	Yeast
<b>Target Names</b>	Ctn
<b>Protein Names</b>	Recommended name: Src substrate cortactin
<b>Expression Region</b>	1-546
<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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