



Recombinant Mouse Src substrate cortactin (Ctn)

Product Code	CSB-EP720150MO
Abbreviation	Ctn
Storage	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.
Uniprot No.	Q60598
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MWKASAGHAV SITQDDGGAD DWETDPDFVN DVSEKEQRWG AKTVQGSQH Q E H I N I H K L R E N V F Q E H Q T L K E K E L E T G P K A S H G Y G G K F G V EQDRMDRS AV G H E Y Q S K L S K H C S Q V D S V R G F G G K F G V Q M D R V D Q S A V G F E Y Q G K T E K H A S Q K D Y S S G F G G K Y G V Q A D R V D K S A V G F D Y Q G K T E K H E S Q K D Y S K G F G G K Y G I D K D K V D K S A V G F E Y Q G K T E K H E S Q K D Y V K G F G G K F G V Q T D R Q D K C A L G W D H Q E K L Q L H E S Q K D Y K T G F G K F G V Q S E R Q D S S A V G F D Y K E R L A K H E S Q Q D Y A K G F G G K Y G V Q K D R M D K N A S T F E E V V Q V P S A Y Q K T V P I E A V T S K T S N I R A N F E N L A K E R E Q E D R R K A E A E R A Q R M A K E R Q E Q E E A R R K L E E Q A R A K K Q T P P A S P S P Q P I E D R P P S S P I Y E D A A P F K A E P S Y R G S E P E P E Y S I E A A G I P E A G S Q Q G L T Y T S E P V Y E T T E A P G H Y Q A E D D T Y D G Y E S D L G I T A I A L Y D Y Q A A G D D E I S F D P D D I T N I E M I D D G W W R G V C K G R Y G L F P A N Y V E L R Q
Source	E.coli
Target Names	Ctn
Protein Names	Recommended name: Src substrate cortactin
Expression Region	1-546
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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.