



Recombinant Human Syncoilin (SYNC)

Product Code	CSB-EP862034HU
Abbreviation	SYNC
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.	Q9H7C4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MASPEPRRGG DGAAQAARKT RVEANSPLPK NSGSLNEAEA LNPEVTLSSSE GSLNLEDILY LEDTGDLDDET LYVQETEKAE EALYIEEAMQ PDEALHVEEP GNPEETVCVE ETTEPDRIQF VEGPVEPGKP TSPEHVYEG ETVTRAEKSN PEESLRAEQS PSMEENLSIE DLELLEGRFQ QCVQAVALE EERDQLIHLE VLLREPALQE VQQVHQDILA AYKLHAQAE ERDGLREEIR LVKQKLFKVT KECVAYQYQL ECRQQDVAQF ADFREVLTTT ATQLSEELAQ LRDAYQKQKE QLRQQLEAPP SQRDGHFLQE SRRLSAQFEN LMAESRDLE EEYEPQFLRL LERKEAGTKA LQRTQAEIQE MKEALRPLQA EARQLRLQNR NLEDQIALVR QKRDEEVQQY REQLEEMEER QRQLRNGVQL QQQKNKEMEQ LRLSLAEELS TYKAMLLPKS LEQADAPTSQ AGGMETQSQG AV
Source	E.coli
Target Names	SYNC
Protein Names	Recommended name: Syncoilin Alternative name(s): Syncoilin intermediate filament 1 Syncoilin-1
Expression Region	1-482
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 encodes a member of the intermediate filament family which contains an N-terminal head domain, followed by a central coiled-coil region and a short C-terminal tail. The protein is highly expressed in skeletal and cardiac muscle. The protein links the dystrophin associated protein complex (DAPC) to desmin filaments in muscle and may have a structural role in striated muscle. Multiple transcript variants encoding different isoforms have been found 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.