



# Recombinant Human Syncoilin (SYNC)

<b>Product Code</b>	CSB-EP862034HU-B
<b>Abbreviation</b>	SYNC
<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>	Q9H7C4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MASPEPRRGG DGAAQAARKT RVEANSPLPK NSGSLNEAEA LNPEVTLSSSE GSLNLEDILY LEDTGDLDET LYVQETEKAE EALYIEEAMQ PDEALHVEEP GNPEETVCVE ETTEPDRIQF VEGPVEPGKP TSPEHVYEG ETVTRAEKSN PEESLRAEQS PSMEENLSIE DLELLEGRFQ QCVQAVAQLE EERDQLIH VLLREPALQE VQQVHQDILA AYKLHAQAE ERDGLREEIR LVKQKLFKVT KECVAYQYQL ECRQQDVAQF ADFREVLTTTR ATQLSEELAQ LRDAYQKQKE QLRQQLEAPP SQRDGHFLQE SRRLSAQFEN LMAESRQDLE EYEPQFLRL LERKEAGTKA LQRTQAEIQE MKEALRPLQA EARQLRLQNR NLEDQIALVR QKRDEEVQQY REQLEEMEER QRQLRNGVQL QQQKNKEMEQ LRLSLAEELS TYKAMLLPKS LEQADAPTSQ AGGMETQSQG AV
<b>Source</b>	E.coli
<b>Target Names</b>	SYNC
<b>Protein Names</b>	Recommended name: Syncoilin Alternative name(s): Syncoilin intermediate filament 1 Syncoilin-1
<b>Expression Region</b>	1-482
<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 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.
<b>Reconstitution</b>	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

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