

Recombinant Human SYNC Protein, His/GST-tagged

Cat. No. SYNC-368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SYNC(Ile169~Pro458) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile169~Pro458
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	64.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

SYNC syncoilin, intermediate filament protein [Homo sapiens]

Official Symbol

SYNC

Synonyms

SYNC1; SYNCOILIN

Gene ID

81493

mRNA Refseq

NM_001161708

Protein Refseq

NP_001155180

MIM

611750

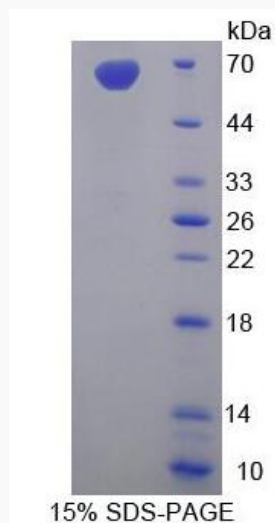
UniProt ID

Q9H7C4

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