

## Recombinant Human SYNC Protein, His/GST-tagged

SYNC-368H Human

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.

**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.

**Source** E. coli

**Species** Human

**Tag** His/GST

**Form** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Molecular Mass** 64.6kDa

**Protein length** Ile169~Pro458

**Endotoxin** <1.0EU per 1µg (determined by the LAL method)

**Purity** >92%

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.  
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

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<b>Gene ID</b>	<a href="#">81493</a>
<b>mRNA Refseq</b>	<a href="#">NM_001161708</a>
<b>Protein Refseq</b>	<a href="#">NP_001155180</a>
<b>MIM</b>	<a href="#">611750</a>
<b>UniProt ID</b>	<a href="#">Q9H7C4</a>

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