

Recombinant Human Syncoilin/SYNC Catalog No: BP076

Description Recombinant Human Syncoilin is produced by E.coli. The target gene encoding S168-P458 is

expressed.

Expression System E. coli

Alternative name Syncoilin intermediate filament 1; Syncoilin-1; SYNC1

Accession No. Q9H7C4
Predicted 35kDa

Molecular Weight

Apparent

Molecular Weight

SYNC appeared at 34kDa in a reducing SDS-PAGE gel

Quality Control Purity: greater than 95% as determined by reducing SDS-PAGE.

Endotoxin: less than 0.1 ng/µg (1 EU/µg) as determined by TAL test.

Formulation 100mM sodium phosphate, 300mM NaCl, 10% glycerol, pH 7.2

Shipping The product is shipped on dry ice pack.

Upon receipt, store it immediately at the temperature listed below.

Storage Store at ≤-70°C, stable for 6 months after receipt.

Store at ≤-70°C, stable for 3 months under sterile conditions after opening.

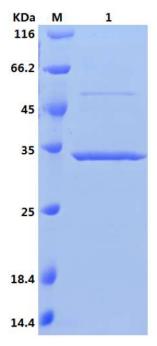
Please minimize freeze-thaw cycles.

Background Syncoilin (SYNC) is a muscle-specific intermediate filament protein that belongs to the intermediate

filament family. The specific in vivo functions of syncoilin has not yet been determined, but it has been shown to be up-regulated at the sarcolemma in individuals with various forms of neuromuscular

disease. Syncoilin is predicted to facilitate lateral force transmission during skeletal muscle contraction, while it does not form homofilaments nor heterofilaments with other IF proteins.

SDS-PAGE



M: Marker

1: Sample in reducing condition

