

Datasheet for ABIN7561382

Syncoilin Protein (Sync) (AA 1-470) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Syncoilin (Sync)
Protein Characteristics:	AA 1-470
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Syncoilin protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sync Protein expressed in mammalian cells.
Sequence:	MASPEPLRGG DGARASREPH TEASFPLQES ESPKEAKTFN PEATLSLEGT VNLEDILYLG ASGDFEESFY EEEYEKPALT LFIDESRQPD EALGLEEPVR PEEMLSVEES VTPDEVQISE QPVEPAKSPT ACEGEMVATE GSLPAQPIPN TEEDPLSVED LERLEARFQQ CVQAVSQLEE ERDQLIHEL V LLREPALQEV QQVHQDILAA YKLHAQAELE RDGLREEIRT VKQKLFKVTK ECVAYQYQLE CRQQDVAQFA DCREALTTRA AQLSEELTQL RDACQKQKEQ LQQQLEAPPT QSDGHFLQES RRLSTQFENL MAESRQGLEE EYEPQLLRLL ERKEAGTKAL QDTQAEIQEM REALRPLEAE ARQLQLQNRN LEDQITLVRQ KRDEEVQQYR EQLEEMEERQ RQLRSGVQVQ QQKNKEMERL RMSLAEELST YKAMPLPKSLE QADAPTSQAG GVEAQSPGTV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

Syncoilin (Sync)

Alternative Name:

Sync ([Sync Products](#))

Background:

Syncoilin (Syncoilin intermediate filament 1) (Syncoilin-1),FUNCTION: Atypical type III intermediate filament (IF) protein that may play a supportive role in the efficient coupling of mechanical stress between the myofibril and fiber exterior. May facilitate lateral force transmission during skeletal muscle contraction. Does not form homofilaments nor heterofilaments with other IF proteins. {ECO:0000269|PubMed:11694502, ECO:0000269|PubMed:18367591}.

Molecular Weight:

53.6 kDa

UniProt:

[Q9EPM5](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
