

Product datasheet for **TP724646**

SYNC Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Syncoilin/SYNC
Species:	Human
Expression cDNA Clone or AA Sequence:	S168-P458
Buffer:	Supplied as a 0.2 um filtered solution of 10umM sodium phosphate, 30umM NaCl , 10% glycerol, pH 7.2
Note:	Recombinant Human Syncoilin is produced by E.coli. The target gene encoding S168-P458 is expressed.
Storage:	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	81493
UniProt ID:	Q9H7C4
Synonyms:	Syncoilin intermediate filament 1; Syncoilin-1; SYNC1
Summary:	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.



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