

SYF2 Human

Description: SYF2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 173 amino acids (94-243) and having a molecular mass of 20.5kDa. SYF2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-976

For research use only.

Synonyms: Pre-mRNA-splicing factor SYF2, CCNDBP1-interactor, p29, SYF2, CBPIN, GCIP1, NTC31, fSAP29.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MGSDYEKVKL LEISAEDAER
WERKKRKNP DLGFSYAAA QLRQYHRLTK QIKPDMETYE RLREKHGEEF FPTSNSLLHG
THVPSTEEID RMVIDLEKQI EKRDKYSRRR PYNDADIDY INERNAKFNK KAERFYGKYT
AEIKQNLERG TAV.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

The SYF2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl, 5mM DTT and 2mM EDTA.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Pre-mRNA-splicing factor SYF2 (SYF2) may be involved in pre-mRNA splicing. The SYF2 protein interacts with cyclin D-type binding-protein 1, which is believed to be a cell cycle regulator at the G1/S transition. SYF2 is amply expressed in the heart, skeletal muscle and kidney and is expressed at lower levels in other tissues.

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