

AR50094PU-S

Human SYF2 (94-243, His-tag) - Purified

Alternate names:

CBPIN, CCNDBP1-interactor, GCIPIP, Pre-mRNA-splicing factor SYF2

Quantity:

10 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

SYF2, also known as pre-mRNA-splicing factor SYF2, may be involved in pre-mRNA splicing. This protein interacts with cyclin D-type binding-protein 1, which is thought to be a cell cycle regulator at the G1/S transition. It is abundantly expressed in the heart, skeletal muscle and kidney and is expressed at lower levels in other tissues.

Uniprot ID:

[O95926](#)

NCBI:

[NP_056299](#)

GeneID:

[25949](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 5mM DTT, 2mM EDTA

Description:

Recombinant human SYF2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSDYEKVKL LEISAEDAER WERKKRKNP DLGFSDYAAA
QLRQYHRLTK QIKPDMETYE RLREKHGEFF FPTSNSLLHG THVPSTEEID RMVIDLEKQI
EKRDKYSRRR PYNDADIDY INERNAKFNK KAERFYGKYT AEIKQNLERG TAV

Molecular weight: 20.5 kDa (173aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Chang M.-S., et al. (2000) Biochem. Biophys. Res. Commun. 279:732-737
Jurica M.S., et al. (2002) RNA. 8:426-439

Pictures:

