

SYF2, 94-243aa, Human, His tag, E.coli

Cat.NO.: TP04106

3th Edition

Synonyms:Pre-mRNA-splicing factor SYF2, CBPIN, GCIP1, p29

Description: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. 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.

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

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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSDYEKVKLLEISAEDAERWERKKRKNPDLGFSYAAAQLRQYHRLTKQIKP
DMETYERLREKHGEEFFPTSNSLLHGTHVPSTEEIDRMVIDLEKQIEKRDKYSRRRPYNDDADIDYINERNAKFNKK
AERFYGKYTAEIKQNLERGTAV

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.