

PHF5A, 1-110aa, Human, His tag, E.coli

Cat.NO.: TP03394

3th Edition

Synonyms:PHD finger-like domain-containing protein 5A, PHD finger protein 5A, bK223H9.2, INI, Rds3, SAP14b, SF3b14b

Description:PHF5A is a subunit of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence-independent manner and may anchor the U2 snRNP to the pre-mRNA. PHF5A contains a PHD-finger-like domain that is flanked by highly basic N- and C-termini. This protein belongs to the PHD-finger superfamily and may act as a chromatin-associated protein. Recombinant human PHF5A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:14.8kDa (133aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMKHPDLIFCRKQAGVAIGRLCEKCDGKCVICDSYVRPCTLVVICDECNYG
SYQGRVCICGGPGVSDAYYCKEIQEKDRDGCPIVNLGSSKTDLFYERKKYGFKKR

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.