

Recombinant human ASF1B protein

Catalog Number: ATGP1644

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-202aa

UniProt No.

Q9NVP2

NCBI Accession No.

NP_060624.1

Alternative Names

ASF1 anti-silencing function 1 homolog B (S.cerevisiae), CIA-II

PRODUCT SPECIFICATION

Molecular Weight

23.4 kDa (210aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

ASF1B is a member of the H3/H4 family of histone chaperone proteins and is similar to the anti-silencing function-1 protein in yeast. This protein is the substrate of the tousel-like kinase family of cell cycle-regulated kinases, and may play a key role in modulating the nucleosome structure of chromatin by ensuring a constant supply of histones at sites of nucleosome assembly. Recombinant human ASF1B protein, fused to His-tag at C-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

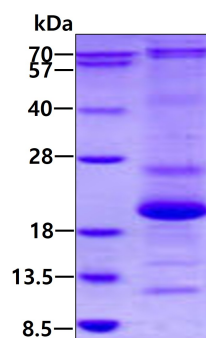
MAKVSVLNVA VLENPSPFHS PFRFEISFEC SEALADDLEW KIIYVGSAES EEFDQILDSV LVGPVPAGRH MFVFQADAPN
PSLIPETDAV GVTVVLITCT YHGQEFIRVG YYVNNEYLNP ELRENPPMKP DFSQLQRNIL ASNPRVTRFH INWDNNMDRL
EAIETQDPSL GCGLPLNCTP IKGLGLPGCI PGLLPENSMD CILE<HHHHHH>

General References

Corpet,A., et al. (2011) EMBO J. 30 (3), 480-493
Jasencakova,Z., et al. (2010) Mol. Cell 37 (5), 736-743

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.