

# Product information



## ASF1B, 1-202 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1644

**Full name:** ASF1 anti-silencing function 1 homolog B (*S.cerevisiae*)

**NCBI Accession No.:** NP\_060624

**Synonym:** CIA-II

**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.

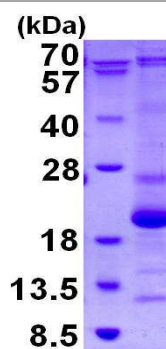
**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

0.15M NaCl, 1mM DTT

**Molecular Weight:** 23.4kDa(210aa), confirmed by MALDI-TOF

**Purity:** > 85% by SDS - PAGE

**Concentration:** 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MAKVSVLNVA VLENPSPFHS PFRFEISFEC SEALADDLEW KIIYVGSAES EEFDQILDSV LVGPVPAGRH MFVFQADAPN PSLIPETDAV  
GTVVLITCT YHGQEFIRVG YYVNNYLNLP ELRENPPMKP DFSQLQRNIL ASNPRVTRFH INWDNNMDRL EAIETQDPSL GCGLPLNCTP  
IKGLGLPGCI PGLLPENSMD CILEHHHHHH

### General references:

Corpet, A., et al. (2011) *EMBO J.* 30 (3), 480-493

Jasencakova, Z., et al. (2010) *Mol. Cell* 37 (5), 736-743

**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.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



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