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# **Recombinant human ASF1B protein**

Catalog Number: ATGP1644

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-202aa

#### UniProt No.

O9NVP2

#### **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 tousled-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**

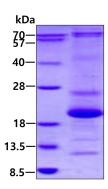
MAKVSVLNVA VLENPSPFHS PFRFEISFEC SEALADDLEW KIIYVGSAES EEFDQILDSV LVGPVPAGRH MFVFQADAPN PSLIPETDAV GVTVVLITCT YHGQEFIRVG YYVNNEYLNP ELRENPPMKP DFSQLQRNIL ASNPRVTRFH INWDNNMDRL EAIETQDPSL GCGLPLNCTP IKGLGLPGCI PGLLPENSMD CILE<

# **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.

