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 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.



Amino acid Sequence

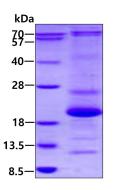
MAKVSVLNVA VLENPSPFHS PFRFEISFEC SEALADDLEW KIIYVGSAES EEFDQILDSV LVGPVPAGRH MFVFQADAPN PSLIPETDAV GVTVVLITCT YHGQEFIRVG YYVNNEYLNP ELRENPPMKP DFSQLQRNIL ASNPRVTRFH INWDNNMDRL EAIETQDPSL GCGLPLNCTP IKGLGLPGCI PGLLPENSMD CILE<HHHHHH>

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.