

AR50468PU-N

Human ASF1B (1-202, His-tag) - Purified

Alternate names:

Anti-silencing function protein 1 homolog B, CCG1-interacting factor A-II, CIA-II, Histone chaperone ASF1B

Quantity:

0.5 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q9NVP2](#)

NCBI:

[NP_060624](#)

GeneID:

[55723](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT

Description:

Recombinant human ASF1B protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

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

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

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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

Pictures:

