

Recombinant Human ASF1 Anti-Silencing Function 1 Homolog B (*S. cerevisiae*), His-tagged

Cat. No. ASF1B-6956H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ASF1B protein, fused to His-tag at C-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques.
Species	Human
Source	<i>E. coli</i>
Protein Length	1-202aa
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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT.
Molecular Mass	23.4 kDa(210aa), confirmed by MALDI-TOF
AA Sequence	MAKVSVLNVA VLENPSPFHS PFRFEISFEC SEALADDLEW KIIYVGSAES EEFDQILDSV LVGPVPAGRH MFVFQADAPN PSLIPETDAV GVTVVLITCT YHGQEFIRVG YYVNNEYLNP ELRENPPMKP DFSQLQRNIL ASNPRVTRFH INWDNNMDRL EAIETQDPSL GCGLPLNCTP IKGLGLPGCI PGLLPENSMD

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Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	ASF1B ASF1 anti-silencing function 1 homolog B (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	ASF1B
Synonyms	ASF1B; ASF1 anti-silencing function 1 homolog B (<i>S. cerevisiae</i>); histone chaperone ASF1B; FLJ10604; hAsf1; hAsf1b; hCIA-II; CCG1-interacting factor A-II; anti-silencing function protein 1 homolog B; CIA-II;
Gene ID	55723
mRNA Refseq	NM_018154
Protein Refseq	NP_060624
MIM	609190
UniProt ID	Q9NVP2

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Chromosome Location	19p13.12
Function	histone binding;