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Datasheet for ABIN1096822  
**ASF1A Protein (AA 1-204) (His tag,T7 tag)**

Overview

Quantity:	50 µg
Target:	ASF1A
Protein Characteristics:	AA 1-204
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASF1A protein is labelled with His tag,T7 tag.

Product Details

Purpose:	Recombinant Human Histone Chaperone ASF1A/ASF1A (C-6His, N-T7 tag)
Sequence:	MASMTGGQQM GRGSMKVQV NNVVLDNPS PFYNPFQFEI TFECIEDLSE DLEWKIIYVG SAESEEDYDQV LDSVLVGPVP AGRHMFVFQA DAPNPGLIPD ADAVGVTVVL ITCTYRGQEF IRVGYVYVNE YTETELREN PVKPDFSKLQ RNILASNPRV TRFHINWEDN TEKLEDAESS NPNLQSLST DALPSASKGW STSENSLNVN LESHMDCMLE HHHHHH
Characteristics:	Recombinant Human Histone Chaperone ASF1A/ASF1A is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Met204) of Human ASF1A fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

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Target:	ASF1A
Alternative Name:	Histone Chaperone ASF1A/ASF1A ( <a href="#">ASF1A Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Human Histone Chaperone ASF1A (ASF1A) belongs to the H3/H4 family of histone chaperone proteins. ASF1A is ubiquitously expressed in many cells and tissues, interacting with histones H3 and H4. ASF1A cooperates with Chromatin Assembly Factor 1 to promote replication-dependent chromatin assembly and with HIRA to promote replication-independent chromatin assembly. In addition, ASF1A is necessary for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit.</p> <p>Alternative Names: Histone Chaperone ASF1A, Anti-Silencing Function Protein 1 Homolog A, hAsf1, hAsf1a, CCG1-Interacting Factor A, CIA, hCIA, ASF1A</p>
Molecular Weight:	25.4 kDa
UniProt:	<a href="#">Q9Y294</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 1 mM DTT, 150 mM NaCl, pH 8.0.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>

## Handling

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Expiry Date: 3 months