

## 32-7268: Recombinant Human Histone Chaperone ASF1A/ASF1A (C-6His, N-T7 tag)

**Gene :** ASF1A  
**Gene ID :** 25842  
**Uniprot ID :** Q9Y294

### Description

Source: E.coli.  
MW :25.4kD.

Recombinant Human Histone Chaperone ASF1A is produced by our E.coli expression system and the target gene encoding Met1-Met204 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 1mM DTT, 150mM NaCl, pH 8.0.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MASMTGGQQMGRGSMKAVQVNNVVLDNPSFPYNPFQFEITFECIEDLSEDLWKIIVGSAESEEYDQVLDS  
VLVGPVPAGRHMVFVQADAPNPGLIPDADAVGVTVVLITCTYRGQEFIRVGYVNNNEYTETELRENPPVKPDFS  
KLQRNILASNPRVTRFHINWEDNTEKLEDAESSNPNLQSLLDALPSASKGWSTSENLSNVMLESHMDCMLE  
HHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.