

## Product datasheet for **TP720260**

### ASF1A (NM\_014034) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human ASF1 anti-silencing function 1 homolog A ( <i>S. cerevisiae</i> ) (ASF1A)  |
| Species:                              | Human   |
| Expression Host:                      | <i>E. coli</i>  |
| Expression cDNA Clone or AA Sequence: | Met1-Met204   |
| Tag:                                  | N-T7&C-His  |
| Predicted MW:                         | 25.4 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >95% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl   |
| Endotoxin:                            | < 0.1 EU per µg protein as determined by LAL test   |
| Reconstitution Method:                | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for at least 6 months from date of receipt under proper storage and handling conditions.   |
| RefSeq:                               | <a href="#">NP_054753</a>   |
| Locus ID:                             | 25842   |
| UniProt ID:                           | <a href="#">Q9Y294</a>  |
| Cytogenetics:                         | 6q22.31   |
| Synonyms:                             | CGI-98; CIA; HSPC146  |



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**Summary:**

This gene encodes a member of the H3/H4 family of histone chaperone proteins and is similar to the anti-silencing function-1 gene in yeast. The protein is a key component of a histone donor complex that functions in nucleosome assembly. It interacts with histones H3 and H4, and functions together with a chromatin assembly factor during DNA replication and repair. [provided by RefSeq, Jul 2008]

**Product images:**