

## **Product Data Sheet**

## **Recombinant Human ASF1A Protein**

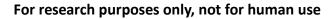
Catalog #	Source	Reactivity	Applications			
CRP1082	E. coli	Human	E, WB, SDS-PAGE, MS			
Description	F	Recombinant Human ASF1A	Protein is produced by our E. coli expression system and			
	t	he target gene encoding Me	et1-Met204 is expressed with a T7 tag at the			
	٦	N-terminus, 6His tag at the (	C-terminus.			
Form	L	-yophilized from a 0.2 $\mu$ M fil	tered solution of 20mM Tris-HCl, 1mM DTT, 150mM			
	٦	NaCl, pH 8.0.				
Gene Symbol		ASF1A				
Alternative Names		Histone chaperone ASF1A; Anti-silencing function protein 1 homolog A; hAsf1;				
	ł	nAsf1a; CCG1-interacting fac	tor A; CIA; hCIA			
Entrez Gene		25842 (Human)				
SwissProt		Q9Y294 (Human)				
Purity		Greater than 95% as determined by reducing SDS-PAGE.				
<b>Chemical Structure</b>		MASMTGGQQM GRGSMAK\	QV NNVVVLDNPS PFYNPFQFEI TFECIEDLSE DLEWKIIYVG			
	S	SAESEEYDQV LDSVLVGPVP A	GRHMFVFQA DAPNPGLIPD ADAVGVTVVL ITCTYRGQEF			
	I	RVGYYVNNE YTETELRENP P'	/KPDFSKLQ RNILASNPRV TRFHINWEDN TEKLEDAESS			
	٦	NPNLQSLLST DALPSASKGW S	TSENSLNVM LESHMDCMLE HHHHHH			
Quality Control		Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.				
Directions for Use		Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not				
	r	recommended to reconstitur	te to a concentration less than 100 $\mu$ g/ml. Dissolve the			
	ľ	yophilized protein in 1X PBS	. Please aliquot the reconstituted solution to minimize			
	f	freeze-thaw cycles.				
Storage /Stok			a stared at 20°C though stable at room tomporature			

**Storage/Stability** Lyophilized protein should be stored at -20°C, though stable at room temperature

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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