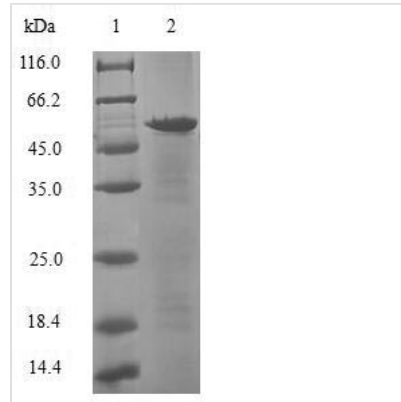




Recombinant Human Histone chaperone ASF1A (ASF1A)

Product Code	CSB-EP896689HU
Relevance	Histone chaperone that facilitates histone deposition and histone exchange and removal during nucleosome assembly and disassembly. Cooperates with chromatin assembly factor 1 (CAF-1) to promote replication-dependent chromatin assembly and with HIRA to promote replication-independent chromatin assembly. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit.
Abbreviation	Recombinant Human ASF1A protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y294
Alias	Anti-silencing function protein 1 homolog A
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAKVQVNNVVLDNPPSPFYNPQFEITFECIEDLSEDLWKIIYVGSASEEYD QVLDSVLVGPVPAGRHMVFVQADAPNPGLIPDADAVGVTVVLLITCTYRGQEFI RVGYVYVNNNEYTETELRENPPVKPDFSKLQRNILASNPRVTRFHINWEDNTEKL EDAESSNPNLQSLLDALPSASKGWSTSENSLVNMLESHMDCM
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	ASF1A
Protein Names	Recommended name: Histone chaperone ASF1A Alternative name(s): Anti-silencing function protein 1 homolog A Short name= hAsf1 Short name= hAsf1a CCG1-interacting factor A Short name= CIA Short name= hCIA
Expression Region	1-204aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	50.0kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.