



Recombinant Arabidopsis thaliana Heat stress transcription factor A-1a (HSFA1A)

Product Code	CSB-EP336830DOA-B
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.	P41151
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MFVNFKYFSF FIRTKMDGVT GGGTNIGEAV TAPPPRNPHP ATLLNANSLP PPFLSKTYDM VEDPATDAIV SWSPTNNSFI VWDPEFSRD LLPKYFKHNN FSSFVRQLNT YGFRKVDPR WEFANEGFLR GQKHLLKKIS RRKSVQGHGS SSSNPQSQQL SQGQGSMAAL SSCVEVGKFG LEEVEQLKR DKNVLMQELV KLRQQQQTDD NKLQVLVKHL QVMEQRQQQI MSFLAKAVQN PTFLSQFIQK QTDSNMHVTE ANKKRRLRED STAATESNSH SHSLEASDGQ IVKYQPLRND SMMWNMMKTD DKYPFLDGFS SPNQVSGVTL QEVLPTSGQ SQAYASVPSG QPLSYLPSTS TSLPDTIMPE TSQIPQLTRE SINDFPTENF MDTEKNVPEA FISPSPFLDG GSVPIQLEGI PEDPEIDELM SNFEFLEEYM PESPVFGDAT TLENNNNNNN NNNNNNNNNN NNNTNGRHMD KLIEELGLLT SETEH
Source	E.coli
Target Names	HSFA1A
Protein Names	Recommended name: Heat stress transcription factor A-1a Short name= AtHsfA1a Alternative name(s): AtHsf-13 Heat shock factor protein 1 Short name= HSF 1 Heat shock transcription factor 1 Short name= HSTF 1
Expression Region	1-495
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.