



Recombinant Chlorocebus aethiops Alpha-1-antitrypsin (SERPINA1)

Product Code	CSB-EP021053DSU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00394
Product Type	Recombinant Protein
Immunogen Species	Chlorocebus aethiops (Green monkey) (Cercopithecus aethiops)
Purity	>85% (SDS-PAGE)
Sequence	EDPQGDAQ KQTDTSHTDQ EHSTFNKITP SLAEFAFSLY RQLAHQSNST NIFFSPVSIA TAFAMLSLGT KADTHSEILE GLNFNLTIEP EAQIHEGFQE LLHTLNKPDS QLQLTTGNGL FLNKSVMKVD KFLEDVKKLY HSEAFSVNFE DTEEAKKQIN NYVEKGTQGK IVDLVKELDR DTVFALVNYI FFKGKWERPF EVEATKEEDF HVDQATTVKV PMMRRLGFMN IYHCEKLSSW VLLMKYLGNA TAIFFLPDEG KLQHLENELT HDIITKFLEN ENRRSANLHL PKLAITGTYD LKTVLGHLGI TKVFSNGADL SGVTEDAPLK LSKAVHKAVL TIDEKGTEAA GAMFLEAIPM SIPPEVKFNK PFVFLMIEQN TKSPLFMGKV VNPTQK
Source	E.coli
Target Names	SERPINA1
Protein Names	Recommended name: Alpha-1-antitrypsin Alternative name(s): Alpha-1 protease inhibitor Alpha-1-antiproteinase Serpin A1
Expression Region	3-396
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 of Mature 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.