



Recombinant Mus caroli Alpha-1-antiproteinase (Serpina1)

Product Code	CSB-EP328635MUU-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.	P26595
Product Type	Recombinant Protein
Immunogen Species	Mus caroli (Ryukyu mouse) (Ricefield mouse)
Purity	>85% (SDS-PAGE)
Sequence	EDVQET DTSRRDSVPA SHDTPYNLEL SISLYRELGH KSTTSNIFFS QVSIATAFAM LSLGEKGDTH TQILEGLQFN LTQTSEADIH KAFQHLLQTL NRPDSELQLS TGNGSLLNND LKLVEKFLEE AKNNYHSEVF SVNFAESEEA KKVINDFVEK GTQGKIAEAV KDPDEDTVFA LANYILFKGK WKKPFDPKHT EEAEFHVDTV TTVKVPMMTL TGMLDVHHCS TLSSWVLLMD YLGNRTAVFL LPDDGKMQHL EQTLNKELIS KFLNRHRL AQVHLPRLSL SGNYYTLNLTLM SHLGITRIFN NGADLSGITE ENAPLKLSKA ADKAVLTMDE TGTEAAAATV LQAVPMSMPP ILNFNKPFIF IIVEEHTQSP LFGVKVVDPT RK
Source	E.coli
Target Names	Serpina1
Protein Names	Recommended name: Alpha-1-antiproteinase Alternative name(s): Alpha-1-antitrypsin Short name= AAT Alpha-1-proteinase inhibitor Serpin A1
Expression Region	25-412
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.