



Recombinant Mus saxicola Alpha-1-antiproteinase (Serpina1)

Product Code	CSB-EP720553MKR-B
Abbreviation	Serpina1
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.	Q63969
Product Type	Recombinant Protein
Immunogen Species	Mus saxicola (Brown spiny mouse) (Rock-loving mouse)
Purity	>85% (SDS-PAGE)
Sequence	EDVQET DTSQKDQSPA SHEMATNLGD FAFSLYRELV HQSNTSNIFF SPVSIATAFA LLSLGSKGDG QTQILEGLQF NLTQTSEADI HKVFAQHLLQT LNRPDSELQL STGNGLFVNN DLKLVEKFLE EAKNHQSEV FSVNFAKSEE ARKMINDFVE KGTQGGKIVDA VKDLDEDTV F ALANYIFFQG KWKTPFDPEH TTEADFHVNE STTVRVPMMN LMRMLDVHYC STLSSWV LMM DYLG NATAVF LLPDDGKMQL LEQTLNKELI SKFLLNRHRS LAEIHFPRLS ISGSYNL KAL MAPLGITRVF NNGADLSGIT EENAPLRLSK AVHKAVLTID ERGTEAAATT IVEAVFMSLP PILHFNHPFV FTIVETHQT PLFVGKVVDP TRK
Source	E.coli
Target Names	Serpina1
Protein Names	Recommended name: Alpha-1-antiproteinase Alternative name(s): Alpha-1-antitrypsin Alpha-1-proteinase inhibitor Serpin A1
Expression Region	25-413
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.