



Recombinant Bacillus sp. Thermophilic serine proteinase

Product Code	CSB-YP674928BCAD
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.	Q45670
Product Type	Recombinant Protein
Immunogen Species	Bacillus sp. (strain AK1)
Purity	>85% (SDS-PAGE)
Sequence	WTPNDTTYQ GYQYGPQNTY TDYAWDVTKG SSGQEIAVID TGVDYTHPDL DGKVIKGYDF VDNDYDPM DL NNHGTHVAGI AAAETNNATG IAGMAPNTRI LAVRALDRNG SGTLSDIADA IYAADSGAE VINLSLG CDC HTTTLENAV N YAWNKG S V V AAAGNNGSST TFEPASYENV IAVGAVDQYD R LASFSNYGT WVDVVAPGVD IVSTITGNRY AYMSGTSMAS PHVAGLAALL ASQGRN NIEI RQAIEQTADK ISGTGTYFKY GRINSYNAV T Y
Source	Yeast
Protein Names	Recommended name: Thermophilic serine proteinase EC= 3.4.21.- Alternative name(s): Ak.1 protease
Expression Region	122-401
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.