



Recombinant *Aspergillus oryzae* Alkaline protease 1 (alp1)

Product Code	CSB-EP320121DPA-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.	P12547
Product Type	Recombinant Protein
Immunogen Species	<i>Aspergillus oryzae</i> (strain ATCC 42149 / RIB 40) (Yellow koji mold)
Purity	>85% (SDS-PAGE)
Sequence	GLTTQKSAP WGLGSISHKG QQSTDYIYDT SAGEGYAYV VDSGVNVDHE EFEGRASKAY NAAGGQHVDS IGHGTHVSGT IAGKTYGIAK KASILSVKVF QGESSTSVI LDGFNWAAND IVSKKRTSKA AINMSLGGGY SKAFNDAVEN AFEQGVLSVV AAGNENS DAG QTSPASAPDA ITVAAIQKSN NRASFNFVK VVDVFAPGQD ILSAWIGSSS ATNTISGTSM ATPHIVGLSL YLAALENLDG PAAVTKRIKE LATKDVVKDV KGSPNLLAYN GNA
Source	E.coli
Target Names	alp1
Protein Names	Recommended name: Alkaline protease 1 Short name= ALP EC= 3.4.21.63 Alternative name(s): Aspergillopeptidase B <i>Aspergillus</i> proteinase B Elastase Elastinolytic serine proteinase Oryzin
Expression Region	122-403
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.