



Recombinant Escherichia coli Cytoplasmic alpha-amylase (amyA)

Product Code	CSB-EP335217ENV
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.	P26612
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MRNPTLLQCF HWYYPEGGKL WPELAERADG FNDIGINMVW LPPAYKGGASG GYSVGYDSYD LFDLGEFDQK GSIPTKYGDK AQLLAIDAL KRNDIAVLLD VVVNHKMGAD EKEAIRVQRV NADDRTQIDE EIIECEGWTR YTFFPARAGQY SQFIWDFKCF SGIDHIENPD EDGIFKIVND YTGEGWNDQV DDELGNFDYL MGENIDFRNH AVTEEIKYWA RWVMEQTQCD GFRLDAVKHI PAWFYKEWIE HVQEVAPKPL FIVA EYWSHE VDKLQTYIDQ VEGKTMLFDA PLQMKFHEAS RMGRDYDMTQ IFTGTLVEAD PFHAVTLVAN HDTQPLQALE APVEPWFKPL AYALILLREN GVPSVFYPDL YGAHYEDVGG DGQTYPIDMP IIEQLDELIL ARQRFAHG VQ TLFFDHPNCI AFSRSGTDEF PGCVVVMSNG DDGEKTIHLG ENYGNKTWRD FLGNRQERVV TDENGEATFF CNGGGSVSVVW IEEVI
Source	E.coli
Target Names	amyA
Protein Names	Recommended name: Cytoplasmic alpha-amylase EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
Expression Region	1-495
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 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.