



# Recombinant Escherichia coli Cytoplasmic alpha-amylase (amyA)

<b>Product Code</b>	CSB-YP335217ENV
<b>Storage</b>	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.
<b>Uniprot No.</b>	P26612
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MRNPTLLQCF HWYYPEGGKL WPELAERADG FNDIGINMVW LPPAYKGGASG GYSVGYDSYD LFDLGEFDQK GSIPTKYGDK AQLLAIDAL KRNDIAVLLD VVVNHKMGAD EKEAIRVQRV NADDRTQIDE EIIECEGWTR YTFPARAGQY 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 ARQRFAHGVQ TLFFDHPNCI AFSRSGTDEF PGCVVVMSNG DDGEKTIHLG ENYGNKTWRD FLGNRQERVV TDENGEATFF CNGGSSVSVVW IEEVI
<b>Source</b>	Yeast
<b>Target Names</b>	amyA
<b>Protein Names</b>	Recommended name: Cytoplasmic alpha-amylase EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
<b>Expression Region</b>	1-495
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.