



# Recombinant Salmonella typhimurium Cytoplasmic alpha-amylase (amyA)

<b>Product Code</b>	CSB-EP328636SXB
<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>	P26613
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKNPTLLQYF HWYYPDGGKL WSELAERADG LNDIGINMVW LPPACKGASG GYSVGYDTYD LFDLGEFDQK GTIATKYGDK RQLLTAIDAL KKNNAIVLLD VVVNHKMGAD EKERIRVQRV NQDDRTQIDD NIIECEGWTR YTFPARAGQY SNFIWDYHCF SGIDHIENPD EDGIFKIVND YTG DGWNDQV DDEMGNFDYL MGENIDFRNH AVTEEIKYWA RWVMEQTHCD GFRLDAVKHI PAWFYKEWIE HVQAVAPKPL FIVA EYWSHE VDKLQTYIDQ VDGKTMLFDA PLQMKFHEAS RQGA EYDMRH IFTGTLVEAD PFHAVTLVAN HDTQPLQALE APVEPWFKPL AYALILLREN GVPSVFYPDL YGASYEDSGE NGETCRVDMP VINQLDRLIL ARQRFAHGIQ TLFFDHPNCI AFSRSGTEEN PGCVVVLSNG DDGEKTL LLLG DNYANKTWRD FLG NRDEYV V TNDQGEATFF CNAGSVSVVW IEDV
<b>Source</b>	E.coli
<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>	1-494
<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.