



Recombinant Dictyoglomus thermophilum Alpha-amylase 3 (amyC)

Product Code	CSB-YP321321DKI
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.	P14899
Product Type	Recombinant Protein
Immunogen Species	Dictyoglomus thermophilum (strain ATCC 35947 / DSM 3960 / H-6-12)
Purity	>85% (SDS-PAGE)
Sequence	MKIKFFIKRT LIFIFILVTF LTYIHGYNEP WYKNAIFYEV FVRSFADSDG DRVGDNLGLI DKLDYFKNLN ITALWLMPIF PSVSYHGVDV TDYYDIHPGY GTMEDFENLI RKAHEKNIKI ILDLVVNHTS SRHPWFVSSA SSYNSPYRDY YIWSTEKPEK NSNLWYKKPT GYYYALFWSE MPDLNFDNPK VREEVKKIAK FWIEKGVDFG RLDAAKHIYD DDSKNIQWWK EFYSYLKSIK PDVYLVGEVW DNEYKIAEYY KGLPSNFNFP LSDKIMNSVA NQKDLGIIEF LEFERELFGE NNTDFADAIF LRNHDQVRVR TFFGGSIDKS ILAGSIYTL PGIPFIYYGE EIGMEGSKPD EYIREPFKWT DDMKSKYQTY WIIPRYNLPG NGIALDTEEK DPNSIYNHYK KLLAIRVKCR ALSNGKIERI KTQDRSILAY KLELEDEKIM VVHNLNRIEN TFFNFNEIKE KDILYIRNAK TEKNKIILGP YSTVIVKIP
Source	Yeast
Target Names	amyC
Protein Names	Recommended name: Alpha-amylase 3 EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
Expression Region	1-499
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.