



# Recombinant Dictyoglomus thermophilum Alpha-amylase 3 (amyC)

<b>Product Code</b>	CSB-EP321321DKI-B
<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>	P14899
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Dictyoglomus thermophilum (strain ATCC 35947 / DSM 3960 / H-6-12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 NQKDLGIIIEF LEFERELFGE NNTDFADAIF LRNHDQVRVR TFFGGSIDKS ILAGSIYLTG PGIPIIYYGE EIGMEGSKPD EYIREPFKWT DDMKSKYQTY WIIPRYNLPG NGIALDTEEK DPNSIYNHYK KLLAIRVKCR ALSNGKIERI KTQDRSILAY KLELEDEKIM VVHNLNRIEN TFFNFNNEIKE KDILYIRNAK TEKNKIILGP YSTVIVKIP
<b>Source</b>	E.coli
<b>Target Names</b>	amyC
<b>Protein Names</b>	Recommended name: Alpha-amylase 3 EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase
<b>Expression Region</b>	1-499
<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.