



Recombinant Bacillus sp. Creatinase

Product Code	CSB-EP334432BBW
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.	P38487
Product Type	Recombinant Protein
Immunogen Species	Bacillus sp. (strain B-0618)
Purity	>85% (SDS-PAGE)
Sequence	QQITDLERT KILQNGGEKV KPTFSKEEMT RRNTRLREYM AKAGIDAVMF TSYHNINYYS DFLYTSFNRS YALVVTQDKH VTVSANIDAG MPWRRSFDEN IVYTDWKRDN FLYAVKKVLN EGGFSSGRLG VENDHMTLDL RRQVQDALPN TELVDVSQAV MGHMFKSDE EIDLIKNGAR IADIGGAHVV EAIREGVPEY EVALHGTEAM VREIARTYPH AELRDTWIWF QSGINTDGAH NWATSRKLQR GDILSLNCFP MIAGYYTALE RTLFLEEVSD RHLELWEINC KVHRRGLELI KPGARCMDIA AELNEIYREH DLLANRTFGY GHSFGVLSHY YGREAGLELR EDIETVLEPG MVVSMPEMIM IPEGEPGAGG YREHDILVIS ENGTENITKF PFGPEHNIK K
Source	E.coli
Protein Names	Recommended name: Creatinase EC= 3.5.3.3 Alternative name(s): Creatine amidinohydrolase
Expression Region	2-411
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 of Mature 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.