



Recombinant Pyrococcus furiosus Pyrrolidone-carboxylate peptidase (pcp)

Product Code	CSB-EP529152FHW-B
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.	O73944
Product Type	Recombinant Protein
Immunogen Species	Pyrococcus furiosus (strain ATCC 43587 / DSM 3638 / JCM 8422 / Vc1)
Purity	>85% (SDS-PAGE)
Sequence	MKVLVTGFEP FGGEKINPTE RIAKDLGDIK IGDAQVFGRV LPVVFGKAKE VLEKTLLEIK PDIAIHVGLA PGRSAISIER IAVNAIDARI PDNEGKKIED EPIVPGAPTA YFSTLPIKKI MKKLHERGIP AYISNSAGLY LCNVVMYLSL HHSATKGYPK MSGFIHVPIYI PEQIIDKIGK GQVPPSMCYE MELEAVKVAI EVALEELL
Source	E.coli
Target Names	pcp
Protein Names	Recommended name: Pyrrolidone-carboxylate peptidase EC= 3.4.19.3 Alternative name(s): 5-oxopropyl-peptidase Pyroglutamyl-peptidase I Short name= PGP-I Short name= Pyrase
Expression Region	1-208
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.