



Recombinant Bacillus subtilis Uric acid degradation bifunctional protein PucL (pucL)

Product Code	CSB-BP523373BRJ
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.	O32141
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MFTMDDLNQM DTQTLTDTLG SIFEHSSWIA ERSAALRPFS SLSDLHRKMT GIVKAADRET QLDLIKKHPR LGTKKMSDD SVREQQNAGL GKLEQQEYEE FLMLNEHYD RFGFPFILAV KGKTKQDIHQ ALLARLESER ETEFQQALIE IYRIARFRLA DIITEKGETQ MKRTMSYGKG NVFAYRXYLK PLTGVKQIPE SSFAGRDNVT VGVVDTCEIG GEAFLPSFTD GDNTLVVATD SMKNFIQRHL ASYEGTTTEG FLHYVAHRFL DTYSHMDTIT LTGEDIPFEA MPAYEEKELS TSRLVFRSR NERSRVLKA ERSGNTITIT EQYSEIMDLQ LVKVSGNSFV GFIRDEYTTL PEDGNRPLFV YLNISWQYEN TNSYASDPA RYVAAEQVRD LASTVFHELE TPSIQNLIYH IGCRLARFP QLTDVSFQSQ NHTWDTVVEE IPGSKGKVYT EPRPPYGFQH FVTREDAEK EKQKAAEKCR SLKA
Source	Baculovirus
Target Names	pucL
Protein Names	Recommended name: Uric acid degradation bifunctional protein PucL Including the following 2 domains: 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline decarboxylase Short name= OHCU decarboxylase EC= 4.1.1.n1 Uricase EC= 1
Expression Region	1-494
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



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