



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

<b>Product Code</b>	CSB-MP523373BRJ
<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>	O32141
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bacillus subtilis (strain 168)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MFTMDDLNQM DTQTLTDTLG SIFEHSSWIA ERSAALRPFS SLSDLHRKMT GIVKAADRET QLDLIKKHPR LGTKKMSDD SVREQQNAGL GKLEQQEYEE FLMLNEHYD RFGFPFILAV KGKTKQDIHQ ALLARLESER ETEFQQALIE IYRIARFRLA DIITEKGETQ MKRTMSYGKG NVFAYRTRYLK PLTGVKQIPE SSFAGRDNVT VGVDTVCEIG 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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	pucL
<b>Protein Names</b>	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
<b>Expression Region</b>	1-494
<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.