



Recombinant Isopenicillin N synthase (pcbC)

Product Code	CSB-EP320781FOA-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.	P10621
Product Type	Recombinant Protein
Immunogen Species	Streptomyces clavuligerus (strain ATCC 27064 / DSM 738 / JCM 4710 / NBRC 13307 / NCIMB 12785 / NRRL 3585 / VKM Ac-602)
Purity	≥85% (SDS-PAGE)
Sequence	MPVLMPSAHV PTIDISPLFG TDAAAKKRVA EEIHGACRGS GFFYATNHGV DVQQLQDVVN EFHGAMTDQE KHDLAIHAYN PDNPHVRNGY YKAVPGRKAV ESFCYLNPDF GEDHPMIAAG TPMHEVNLWP DEERHPRFRP FCEGYRQML KLSTVLMRGL ALALGRPEHF FDAALAEQDS LSSVSLIRYP YLEEYPPVKT GPDGQLLSFE DHLDVSMITV LFQTQVQNLQ VETVDGWRDI PTSENDFLVN CGTYMAHV TN DYFPAPNHRV KFNVAERLSL PFFLNGGHEA VIEPFVPEGA SEEVNRNEALS YGDYLQHGLR ALIVKNGQT
Source	E.coli
Target Names	pcbC
Protein Names	Recommended name: Isopenicillin N synthase Short name= IPNS EC= 1.21.3.1
Expression Region	1-329
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.