



# Recombinant Isopenicillin N synthase (pcbC)

<b>Product Code</b>	CSB-BP320781FOA
<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>	P10621
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Streptomyces clavuligerus (strain ATCC 27064 / DSM 738 / JCM 4710 / NBRC 13307 / NCIMB 12785 / NRRL 3585 / VKM Ac-602)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Baculovirus
<b>Target Names</b>	pcbC
<b>Protein Names</b>	Recommended name: Isopenicillin N synthase Short name= IPNS EC= 1.21.3.1
<b>Expression Region</b>	1-329
<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.