



Recombinant Streptomyces microflavus

Isopenicillin N synthase (pcbC)

Product Code	CSB-YP318239SOW
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P12438
Product Type	Recombinant Protein
Immunogen Species	Streptomyces microflavus (Streptomyces lipmanii)
Purity	≥85% (SDS-PAGE)
Sequence	MPVLMPSADV PTIDISPLFG TDPDAKAHVA RQINEACRGS GFFYASHHGI DVRRLQDVVN EFHRTMTDQE KHDLAIHAYN ENNSHVRNGY YMARPGRKTV ESWCYLNPSF GEDHPMIKAG TPMHEVNVWP DEERHPDFRS FGEQYYREVF RLSKVLLLRG FALALGKPEE FFENEVTEED TLSCRSLMIR YPYLDPYPEA AIKTGPDGTR LSFEDHLDVS MITVLFQTEV QNLQVETVDG WQSLPTSGEN FLINCGTYLG YLTNDYFPAP NHRVKYVNAE RLSLPFFLHA GQNSVMKPFH PEDTGDRKLN PAVTYGEYLQ EGFHALIAKN VQT
Source	Yeast
Target Names	pcbC
Protein Names	Recommended name: Isopenicillin N synthase Short name= IPNS EC= 1.21.3.1
Expression Region	1-333
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.