



Recombinant *Penicillium chrysogenum* Acyl-coenzyme A:6-aminopenicillanic-acid-acyltransferase 40 kDa form (penDE)

Product Code	CSB-EP325780ETG
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.	P15802
Product Type	Recombinant Protein
Immunogen Species	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Purity	>85% (SDS-PAGE)
Sequence	MLHILCQGTP FEIGYEHGSA AKAVIARSID FAVDLIRGKT KKTDEELKQV LSQLGRVIEE RWPKYEEIR GIAKGAERDV SEIVMLNTRT EFAYGLKAAR DGCTTAYCQL PNGALQGQNW DFFSATKENL IRLTIRQAGL PTIKFITEAG IIGKVGFNVA GVAVNYNALH LQGLRPTGVP SHIALRIALE STSPSQAYDR IVEQGGMAAS AFIMVGNHGE AFGLEFSPTS IRKQVLDANG RMVHTNHCLL QHGKNEKELD PLPDSWNRHQ RMEFLLDGFD GTKQAFQALW ADEDNYPFSS CRAYEEGKSR GATLFNIIYD HARREATVRL GRPTNPDEMF VMRFDEEDER SALNARL
Source	<i>E.coli</i>
Target Names	penDE
Protein Names	Recommended name: Acyl-coenzyme A:6-aminopenicillanic-acid-acyltransferase 40 kDa form EC= 2.3.1.164 Alternative name(s): Isopenicillin-N N-acyltransferase Cleaved into the following 2 chains: 1. Acyl-coenzyme A:6-aminopenicillanic-acid
Expression Region	1-357
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.



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