



Recombinant Bacillus subtilis Penicillin-binding protein 4* (pbpE)

Product Code	CSB-EP333755BRJ-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.	P32959
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MKQNKRKHLQ TLFETLGEKH QFNGTVLAAE GGDILYHHSF GYAEMTEKRP LKTNSLFELA SLSKPFTALG IILLEEKGIL GYEDKVDRWL PGFPYQGVTI RHLLNHTSGL PDYMGWFFAN WDSHKIAVNQ DIVDMLMNEG LSGYFEPNEG WMYSNTGYVL LAVIIEKASG MSYADFIKTS IFLPAGMNET RVYNNRRLSPE RIDHYAYGYV YDVHSETYVL PDELEETNYV VYLDGIQGDG TVNSVTSDLF RFDQALYQDD FISKASKESA FSPVRLNNGE TIDYGFGWVL QNSPEKGRIV SHSGGWPGYS TMMIRYIDHR KTLIYLSNKE EDTEYEQAIL KAAEHILFGQ PYDVPERPAD KKKKAIDTAI YSRYVGSYLL QDGTAQVTT ENERLYLEIA GQLRLELFPS SETRFFLRAL SVEVEFTLGE DAAKSFILYE DGSEEEAVRT K
Source	E.coli
Target Names	pbpE
Protein Names	Recommended name: Penicillin-binding protein 4* Short name= PBP 4* Alternative name(s): PBP 4A Penicillin-binding protein E
Expression Region	1-451
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.