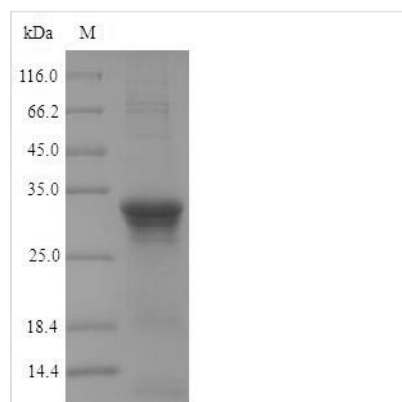




Recombinant *Bacillus subtilis* Penicillin-binding protein 3 (pbpC), partial

Product Code	CSB-EP331705BRJ
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.	P42971
Alias	PBP 3 Alternative name(s): PSPB20 Penicillin-binding protein C
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus subtilis</i> (strain 168)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	CSKTDSPEDRMEAFVKQWNDQQFDDMYQSLTKDVKKEISKKDFVNRYKAIYE QAGVKNLKV TAGEVDKDDQDNKTMKHIPYKVSMTNAGKVSFKNTAVLKLEK TDDEESWNIDWDPSFIFKQLADDKTVQIMSIEPKRGQIYDKNGKGLAVNTDVP EIGIVPGELGDKKEKVIKELAKKLDLTEDDIKKKLDQGWWKDDSFVPLKKVKPD QEKLVSSEAT
Lead Time	3-7 business days
Research Area	Microbiology
Source	<i>E. coli</i>
Gene Names	pbpC
Expression Region	21-240aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	29.2kDa
Protein Description	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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.