



Recombinant Escherichia coli Penicillin-binding protein 2 (mrdA)

Product Code	CSB-EP359894ENV
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.	P0AD65
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MKLQNSFRDY TAESALFVRR ALVAFLGILL LTGVLIANLY NLQIVRFTDY QTRSNNENRIK LVPIAPSRGI IYDRNGIPLA LNRTIYQIEM MPEKVDNVQQ TLDALRSVVD LTDDDIAAFR KERARSHRFT SIPVKTNLTE VQVARFAVNQ YRFPGVEVKG YKRRYYPYGS ALTHVIGYVS KINDKDVERL NNDGKLANYA ATHDIGKLG I ERYEDVLHG QTGYEEVEVN NRGRVIRQLK EVPPQAGHDI YLTLDLKLQQ YIETLLAGSR AAVVVTDPRT GGV LALVSTP SYDPNLFVDG ISSKDYSALL NDPNTPLVNR ATQGVYPPAS TVKPYVAVSA LSAGVITRNT TLFDPGWWQL PGSEKRYRDW KKWGHGRLNV TRSLEESADT FFYQVAYDMG IDRLSEWMGK FGYGHYTID LAEERSGNMP TREWKQKRFK KPWYQGDTIP VGIGGGYWTA TPIQMSKALM ILINDGIVKV PHLLMSTAED GKQVPWWQPH EPPVGDHSG YWELAKDGMV GVANRPNNGTA HKYFASAPYK IAAKSGTAQV FGLKANETYN AHKIAERLRD HKLMTAFAPY NNPQVAVAMI LENGGAGPAV GTLMRQILDH IMLGDNNTDL PAENPAVAAA EDH
Source	E.coli
Target Names	mrdA
Protein Names	Recommended name: Penicillin-binding protein 2 Short name= PBP-2
Expression Region	1-633
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.