



# Recombinant Penicillin-binding protein 2 (mrdA)

<b>Product Code</b>	CSB-YP359895EOD
<b>Storage</b>	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.
<b>Uniprot No.</b>	P0AD67
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MKLQNSFRDY TAESALFVRR ALVAFLGILL LTGVLIANLY NLQIVRFTDY QTRSNNENRIK LVPIAPSRGI IYDRNGIPLA LNRTIYQIEM MPEKVDNVQQ TLDALRSVVD LTDDDIAAFR KERARSHRFT SIPVKTNLTE VQVARFAVNQ YRFPGVEVKG YKRRYYPYGS ALTHVIGYVS KINDKDVERL NNDGKLANYA ATHDIGKLG I ERYVEDVLHG QTGYEEVEVN NRGRVIRQLK EVPPQAGHDI YLTLDLKLQQ YIETLLAGSR AAVVVTDPRT GGVLALVSTP SYDPNLFVDG ISSKDYSALL NDPNTPLVNR ATQGVYPPAS TVKPYVAVSA LSAGVITRNT TLFDPGWWQL PGSEKRYRDW KKWGHGRLNV TRSLEESADT FFYQVAYDMG IDRLSEWMGK FGYGHYTID LAEERSGNMP TREWKQKRFK KPWYQGD TIP VGIGQGYWTA TPIQMSKALM ILINDGIVKV PHLLMSTAED GKQVPWVQPH EPPVGDHSG YWELAKDGMV GVANRPNNGTA HKYFASAPYK IAAKSGTAQV FGLKANETYN AHKIAERLRD HKLMTAFAPY NNPQVAVAMI LENGGAGPAV GTLMRQILDH IMLGDNNTDL PAENPAVAAA EDH
<b>Source</b>	Yeast
<b>Target Names</b>	mrdA
<b>Protein Names</b>	Recommended name: Penicillin-binding protein 2 Short name= PBP-2
<b>Expression Region</b>	1-633
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.