

Penicillin-binding protein 2 (mrdA) Recombinant Protein | mrdA recombinant protein

Recombinant Escherichia coli O157:H7 Penicillin-binding protein 2 (mrdA)

CATALOG #
AAA115898

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Penicillin-binding protein 2 (mrdA); Recombinant Escherichia coli O157:H7 Penicillin-binding protein 2 (mrdA); mrdA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-633, Full length protein
Sequence	MKLQNSFRDY TAESALFVRR ALVAFLGILL LTGVLIANLY NLQIVRFTDY QTRSNNENRIK LVPIAPSRGI IYDRNGIPLA LNRTIYQIEM MPEKVDNVQQ TLDALRSVVD LTDDDIAAFR KERARSHRFT SIPVKTNLTE VQVARFAVNQ YRFPGEVKG YKRRYYPYGS ALTHVIGYVS KINDKDVERL NNDGKLANYA ATHDIGKLG ERYYEDVLHG QTGYEEVEVN NRGVRVIRQLK EVPPQAGHDI YLTDLKLQY YIETLLAGSR AAVVVTDPRT GGVLALVSTP SYDPNLFVDG ISSKDYSALL NDPNTPLVNR ATQGVYPPAS TVKPYVAVSA LSAGVITRNT TLFDPGWWQL PGSEKRYRDW KKWGHGRLNV TRSLEESADT FFYQVAYDMG IDRLSEWMGK FGYGHYTGID LAEERSGNMP TREWKQKRFK KPWYQGDTP VGIGQGYWTA TPIQMSKALM ILINDGIVKV PHLLMSTAED GKQVPWVQPH EPPVGDIHSG YWELAKDGMV GVANRPNGT A HKYFASAPYK IAAKSGTAQV FGLKANETYN AHKIAERLRD HKLMTAFAPY NNPQVAVAMI LENGGAGPAV GTLMRQILDH IMLGDNNTDL PAENPAVAAA EDH
Sequence Length	633
Species	Escherichia coli O157:H7
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15829927
NCBI GeneID	917034
NCBI Accession #	NP_308700.1
NCBI GenBank Nucleotide #	NC_002695.1
UniProt Accession #	P0AD67 ; P08150
Molecular Weight	70,857 Da
NCBI Official Full Name	penicillin-binding protein 2
NCBI Official Symbol	ECs0673
NCBI Protein Information	penicillin-binding protein 2
UniProt Protein Name	Peptidoglycan D,D-transpeptidase MrdA
UniProt Gene Name	mrdA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mrda-recombinant-protein-e-coli/115898>