Septation Ring Formation Regulator Ezra (ezrA) Streptococcus Pyogenes Serotype M6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Septation ring formation regulator EzrA (ezrA), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M6 Septation ring formation regulator EzrA (ezrA), partial
Product Gene Name	ezrA recombinant protein
Product Synonym Gene Name	ezrA
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	66,061 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5XD04
Species	Streptococcus pyogenes serotype M6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ezrA recombinant protein	MBS1333839 is a recombinant protein targeting ezrA. Also known as Recombinant Streptococcus pyogenes serotype M6 Septation ring formation regulator EzrA (ezrA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ezrA recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ezrA. It may not necessarily be applicable to this product.

NCBI GI #	499327109
NCBI Accession #	WP_011017601.1
UniProt Primary Accession #	Q5XD04
GenBank Nucleotide #	WP_011017601.1
NCBI Official Full Name	septation ring formation regulator EzrA
UniProt Protein Name	Septation ring formation regulator EzrA
Protein Family	Septation ring formation regulator
UniProt Gene Name	ezrA

UniProt Comments for ezrA	Negative regulator of FtsZ ring formation; modulates the frequency and position of FtsZ ring formation. Inhibits FtsZ ring formation at polar sites. Interacts either with FtsZ or with one of its binding partners to promote depolymerization.
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