



Recombinant Escherichia coli Cell shape-determining protein MreB (mreB)

Product Code	CSB-EP359362ENV-B
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.	P0A9X4
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MLKKFRGMFS NDLSIDLGTA NTLIYVKGQG IVLNPSVVA IRQDRAGSPK SVAAVGHDAK QMLGRTPGNI AAIRPMKDGV IADFFVTEKM LQHFIKQVHS NSFMRPSRV LVCVPVGATQ VERRAIRESA QGAGAREVFL IEEPMAAAIG AGLPVSEATG SMVVDIGGGT TEVAVISLNG VVYSSSVRIG GDRFDEAIIN YVRRNYGSLI GEATAERIKH EIGSAYPGDE VREIEVRGRN LAEGVPRGFT LNSNEILEAL QEPLTGIVSA VMVALEQCPP ELASDISERG MVLTTGGGALL RNLDRLLMEE TGIPVVVAED PLTCVARGGG KALEMIDMHG GDLFSEE
Source	E.coli
Target Names	mreB
Protein Names	Recommended name: Rod shape-determining protein MreB
Expression Region	1-347
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.