



Recombinant Methanocaldococcus jannaschii DNA double-strand break repair protein Mre11 (mre11)

Product Code	CSB-EP688303MRU-B
Abbreviation	mre11
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.	Q58719
Product Type	Recombinant Protein
Immunogen Species	Methanocaldococcus jannaschii (strain ATCC 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
Purity	>85% (SDS-PAGE)
Sequence	MMFVHIADNH LGYRQYNLDD REKDIYDSFK LCIKKILEIK PDVVLHSGDL FNDLRPPVKA LRIAMQAFKK LHENNIKVYI VAGNHEMPRR LGEESPLALL KDYVKILDGK DVINVNGEEI FICGTYHHK SKREEMLDKL KNFESEAKNY KKKILMLHQG INPYIPLDYE LEHFDLPKFS YYALGHIHKR ILERFNDGIL AYSGSTEIYY RNEYEDYKKE GKGFYLVDFS GNDLDISDIE KIDIECREFV EVNIKDKKSF NEAVNKIERC KNKPVVFGKI KREFKPWFDT LKDKILINKA IIVDDEFIDM PDNVDIESLN IKELLVDYAN RQGIDGDLVL SLYKALLNNE NWKELLDEYY NTKFRG
Source	E.coli
Target Names	mre11
Protein Names	Recommended name: DNA double-strand break repair protein Mre11
Expression Region	1-366
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.