



Recombinant *Archaeoglobus fulgidus* DNA double-strand break repair protein Mre11 (mre11)

Product Code	CSB-EP523127DOC
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.	O29231
Product Type	Recombinant Protein
Immunogen Species	<i>Archaeoglobus fulgidus</i> (strain ATCC 49558 / VC-16 / DSM 4304 / JCM 9628 / NBRC 100126)
Purity	>85% (SDS-PAGE)
Sequence	MKFAHIADVH LGYEQYNQPW RAEDFAKAFK VIAEKAVESN ADFVVIAGDL FHRSLPSPRT IKEAVETLWM FRKENIPVFA VEGNHDKTSR DISAYHLLS LGLLNVLGLR RNPVRGENVE SLRIQNVYLV KGVVDDVEIL GDRHRSKWQL EKVLP LLKPQ SDKSVLVLHQ AVKEVVDIDL DMAYELTIND LPEASYAFG HIHLPKIYEF DGKAIAYPGS VERYDLREAS KIVRYRDELV LKDGIRKGF LVKNFRPEFV EIETRELYDV EIEDESVEGL EKKFLEVLGR ADKEGIMVAK LKSSDAVDVR RLSEVAAKRV RYAEIRFERI LEEIEEVEIK QESEFFTEFE LKLLELLRGE MDEDEVYSLV VEHYLSGGAL KQEEGAEERV VEEETEKKVE EQFKGDEEAD EAERRAEETE KAKSTKKARK PKTL LDFLGV EEE
Source	E.coli
Target Names	mre11
Protein Names	Recommended name: DNA double-strand break repair protein Mre11
Expression Region	1-443
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.