



Recombinant *Thermoplasma volcanium* DNA double-strand break repair protein Mre11 (mre11)

Product Code	CSB-MP839506TDL
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.	Q97C75
Product Type	Recombinant Protein
Immunogen Species	<i>Thermoplasma volcanium</i> (strain ATCC 51530 / DSM 4299 / JCM 9571 / NBRC 15438 / GSS1)
Purity	>85% (SDS-PAGE)
Sequence	MVRFLHMSDT HIGAKSLTIE EREQDYDTF QEAVEIAIDE KVDFIIHSGD LFDTWIPG NR SMKVFRDAMM KLNDRQIPVF YVFGDHDRPR RNSESAAGIF DFLGLHILGR DEFAGIEREF SGMKVFIGGI SNMKG YLRNQ LKEEYKKAES ASTGYKNSIL ISHQALDPIF IPEQCEAKVN DLPMNYSYIA MGHLHDFVER EIGPLLSYPG STELKSDREI NGLLKMGKGI NVIDLDNGVA SLHRVKLKKV RYQFKVESDP ENYLEEIKSI LDKYANAIGE KKPIVNLIIN GQISMEEVYE DLKKINGAIF NRPQILKIVD MPNVPSGSSE LREYFQAFLK DQKLTDLAMK VFQHTADGDK EAIIREAAGE AIDN
Source	Mammalian cell
Target Names	mre11
Protein Names	Recommended name: DNA double-strand break repair protein Mre11
Expression Region	1-374
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.