



Recombinant *Haloferax volcanii* DNA double-strand break repair protein Mre11 (mre11)

Product Code	CSB-EP517111HTU-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.	D4GUK0
Product Type	Recombinant Protein
Immunogen Species	<i>Haloferax volcanii</i> (strain ATCC 29605 / DSM 3757 / JCM 8879 / NBRC 14742 / NCIMB 2012 / VKM B-1768 / DS2) (<i>Halobacterium volcanii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MTRVIHTGDT HLGYYQYHSP ERRQDFLDAF ERVVADALDG DVDAVVHAGD LYHDRRPELP DLLGTLAALR RLDDAGIPFL AIVGNHESTR GGQWLDLFR LGLATRLGRD PHVVGGVAFY GLDHVPRSRR DELDYQFDPV DADRVLVAH GLFTPF AHAD WETETVLAES NVDFDAVLLG DNHVPDTAEL DGTWVTYCGS TERASASERD PRGYNLVEFT PDAVDIRRT LETRPF AFVE VDLAGDEGIE RVRQRVREFD LEDAVVIVEL RGEGETVTPA AVESFAVEEG ALVARVNDKR DIDDDGDLAT DVTFADPDDA VRERVREMGL SSAALDDET VRASKVADSN VRDEVREVE SLLSDDPDAF VAAERESDAE AEESESVEDA ADGEDAAAVE DTAETAEEAA TDTDTETTAD TDSETAADPA ASRDSSLGDF A
Source	E.coli
Target Names	mre11
Protein Names	Recommended name: DNA double-strand break repair protein Mre11
Expression Region	1-441
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.