



Recombinant *Sulfolobus acidocaldarius* DNA double-strand break repair protein Mre11 (mre11)

Product Code	CSB-YP854171FOZ
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.	Q8NKQ0
Product Type	Recombinant Protein
Immunogen Species	<i>Sulfolobus acidocaldarius</i> (strain ATCC 33909 / DSM 639 / JCM 8929 / NBRC 15157 / NCIMB 11770)
Purity	>85% (SDS-PAGE)
Sequence	MQLLHISDTH LGKRQYNLES REKD VYDTFT QLIDIAINEH VKAVIHTGDL FDVNNPPNRA KLHAIKELKR LKDHNIPIFIC IAGDHDSPKR KEEIYPQRIL EEFNLIKILQ KIDNRVKLEN VEVYGISHIS NVSVNDLKEQ LSKVKPETRK SILMLHQGIR TYLPYQGAWQ IELSDLPKGF SLYAVGHLHS RRKDYLDGGA LIEIAGSPDI MREEEIEDYQ KSKKGATLID MSGDLPSINY INVNIRDQLV LDINVDKIEQ SIESVIQKLK ENVKNDKKPI LHIELEGTVP IRKDVLMTKL QALRDYVEHY RIYKNNIVSI KEENLKTCLK TTYSSLNDII ADYLKGIGYT DEETKIIDI INEEDEKKVE ELLKKFAGVE DK
Source	Yeast
Target Names	mre11
Protein Names	Recommended name: DNA double-strand break repair protein Mre11
Expression Region	1-382
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.