



# Recombinant Methanopyrus kandleri DNA double-strand break repair protein Mre11 (mre11)

<b>Product Code</b>	CSB-MP819593MSI
<b>Abbreviation</b>	mre11
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8TXI3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Methanopyrus kandleri (strain AV19 / DSM 6324 / JCM 9639 / NBRC 100938)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MRMAHVADVH LGHALMNLRS REEAVMETFE RLMEEVRECS VDLVIAGDL FEHARPKTEA LYLAVEKLSE LKEDGVEIVA TAGNHEIRRR KGAVSPISVL ERMGLVRHLY YSERRPERHR YTATFDGVRV TFHGLQYLPK NSFVERAKVI RAKYRPDPEA DVNVAIFHQA LPGTIPDESE IVEPAYFPEG HDYYAMGHVH VPSREEKIHG SPAPYPGSPE PLTFLEVKDE RGAHKRRGFF LVEFDRGGLV EYEFVEVEWS RELSVVEVSG ERWEEELRRR VRRGQIVKVV AKDTGASPEE VEKVAIEAGA DRCVVELRER RREVEEGDET EGPLDLEGII REGVKRARAA TLTRVDVPDD VVVEVALEIL RGVREDNPPD LGDVEGIVAG EPPSEGSEES SEEPEESDGE EVGLEVEEVK VESRGTSSSEG MSRAGSKLGS SGRPSLDRWI G
<b>Source</b>	Mammalian cell
<b>Target Names</b>	mre11
<b>Protein Names</b>	Recommended name: DNA double-strand break repair protein Mre11
<b>Expression Region</b>	1-451
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.