



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

<b>Product Code</b>	CSB-MP875796TND
<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>	Q9HLR7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Thermoplasma acidophilum</i> (strain ATCC 25905 / DSM 1728 / JCM 9062 / NBRC 15155 / AMRC-C165)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MHFSIDTHIGY RSLTLDEREQ DFYDAFHEAI DIALENSVDF VIHTGDLFDT WVPGNRAIRE FRNAVMKLNA RNIPIFVIFG DHDRPRRNGE PAAGIFDFMG VHVLGWDAYE YAVRKFDGED VLIIGGISNMK GYMKTRLKDE YKRSENIIEEG YRNRILMSHQ AIDPFFVPDQ CEAKMDDLPM NFSYIAMGHL HDFMERRIGP LISYAGSTEI KSENEINGYL KQGKGVNIVD ISNGEVDLQR IRLKSVRPQI RVESDADNYV HEISEKLSSL RVKDNEKKPL VGLEIHGDIS METVMQDISK FDNAIFSRPK IRKDPKIPNI HTETADLREY FRAYLGDERL ADLAMKIMAH SRSKDIDGIM KEIEVLYGDN RQDSPD
<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>	1-376
<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.