



Recombinant Probable type-2 restriction enzyme MthZI (mthZIR)

Product Code	CSB-EP328915MEV-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.	P29566
Product Type	Recombinant Protein
Immunogen Species	Methanothermobacter thermautotrophicus (Methanobacterium thermoformicicum)
Purity	>85% (SDS-PAGE)
Sequence	MIDNFKEIRL DFKDELKKIT GKEVEFPKYT TQIINLANQN AQGTRPRVVG QMSDLIHECP DKSIEGWKKW YLEHYSDRIE KATKKISKMI ENMKAAMELI DEEMIRKWVE DLVITKTAEG LIIQEILKT IAEEAGLEWR LATSKEESKN IDGFIGSTPV SIKPMSYESM RPTVREEIDI QTIFYKKPKN SRYLYIYHNL NI
Source	E.coli
Target Names	mthZIR
Protein Names	Recommended name: Probable type-2 restriction enzyme MthZI Short name= R.MthZI EC= 3.1.21.4 Alternative name(s): Endonuclease MthZI Type II restriction enzyme MthZI
Expression Region	1-202
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.