



Recombinant *Thermotoga maritima* 5-keto-L-gluconate epimerase (ioIO)

Product Code	CSB-EP893461TNJ-B
Abbreviation	TM_0416
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.	Q9WYP7
Product Type	Recombinant Protein
Immunogen Species	<i>Thermotoga maritima</i> (strain ATCC 43589 / MSB8 / DSM 3109 / JCM 10099)
Purity	>85% (SDS-PAGE)
Sequence	MKLSLVISTS DAAFDALAFK GDLRKGMELE KRVGYQAVEI AVRDPSSVDW NEVKILSEEL NLPICAI GTG QAYLADGLSL THPNDEIRKK AIERVVKHTE VAGMFGALVI IGLVRGRREG RSYEETEELF IESMKRLELE TEHAKFVIEP LNRYETDFIN TIDDALRILR KINSNRV GIL ADTFHMNIEE VNIPESLKRA GEKLYHFHVA DSNRWAPGCG HFDFRSVFNT LKEIGYNRYV SVECLPLPGG MEEAAEIAFK TLKELIIKLT
Source	E.coli
Target Names	ioIO
Protein Names	Recommended name: Uncharacterized protein TM_0416
Expression Region	1-270
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.