



Recombinant *Synechococcus elongatus* Enolase-phosphatase E1 (mtnC)

Product Code	CSB-EP657414FPY-B
Abbreviation	mtnC
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.	Q31LP5
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MPLPVSITTL LLDIEGTTTP VDFVFKVLP YARDRVADFL ATQGADPEVQ ADLDLLRQEY AQEAAAELPD WAGEDAIAAV PYIQWLIDSD RKSTGLKSLQ GKIWEQGYVS GEIKGQLFAD VLPAFQRWQA AGLAIAIFSS GSVQAQQLLF GYSEAGDLSP HLSGYFDTRT GPKREAASYG AIAAQLGKAP AQVLFVSDIP AELEAAATAG FQTRLRLRPG NATVEIGDWT TIHSFDEL
Source	E.coli
Target Names	mtnC
Protein Names	Recommended name: Enolase-phosphatase E1 EC= 3.1.3.77 Alternative name(s): 2,3-diketo-5-methylthio-1-phosphopentane phosphatase
Expression Region	1-238
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.