



# Recombinant *Synechococcus elongatus* Anhydro-N-acetylmuramic acid kinase (anmK)

<b>Product Code</b>	CSB-EP658115FPY
<b>Abbreviation</b>	anmK
<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>	Q31P96
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Synechococcus elongatus</i> (strain PCC 7942) ( <i>Anacystis nidulans</i> R2)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MRVLGLISGT SADGIDVAIA EIQGFQADLS VALLAFETIA YEPSLRDRIL EVAAGFPLSV AELTALDAAI AQAFATAAQT LIQQHGAVDL IGSHGQTVYH QPPQAGQLGW SVQLGWGAAI AQQTGITTVS NFRSADLALG GQGAPLVPVAV DLWLLGSDSE NRCVQNIGGI GNLTWLPRRD HPDWQSEVRG WDTGPGNSLL DLAVQKLSQG RLSYDDGGQW AATGQIDQVL CDRWLQEDDY FRLPPPSTG RERYGWQFLE TWAAELDRLT AADQLATLTE FTAASIVNNY RHFLPALPDR VLVCGGGLHN QFLLQRLQQQ LPTVKIASTD DFGVNSQAKE AIAIAVLAYW RQHNVPGNLP AVTGASGPAL LGDVFART
<b>Source</b>	E.coli
<b>Target Names</b>	anmK
<b>Protein Names</b>	Recommended name: Anhydro-N-acetylmuramic acid kinase EC= 2.7.1.170 Alternative name(s): AnhMurNAc kinase
<b>Expression Region</b>	1-378
<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.