



Recombinant Escherichia coli Anhydro-N-acetylmuramic acid kinase (anmK)

Product Code	CSB-MP300598ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77570
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MKSGRFIGVM SGTSLDGVDV VLATIDEHRV AQLASLSWPI PVSLKQAVLD ICQGQQLTLS QFGQLDTQLG QLFADAVNAL LKEQNLQARD IVAIGCHGQT VWHEPTGVAP HTLQIGDNNQ IVARTGITVV GDFRRRDIAL GGQGAPLVPA FHHALLAHPT ERRMVLNIGG IANLSLLIPG QPVG GYDTGP GNMLMDAWIW RQAGKPYDKD AEWARAGKVI LPLLQNMLSD PYFSQPAPKS TGREYFNYGW LERHLRHFPV VDPRDVQATL AELTAVTISE QVLLSGGCER LMVCGGGSRN PLLMARLAAL LPGTEVTTTD AVGISGDDME ALAFAWLAWR TLAGLPGNLP SVTGASQETV LGAIFFANP
Source	Mammalian cell
Target Names	anmK
Protein Names	Recommended name: Anhydro-N-acetylmuramic acid kinase EC= 2.7.1.170 Alternative name(s): AnhMurNAc kinase
Expression Region	1-369
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.