



Recombinant Escherichia coli O7:K1 Anhydro-N-acetylmuramic acid kinase (anmK)

Product Code	CSB-EP485567EON-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.	B7NTZ2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKSGRFIGVM SGTSLDGV DV VLATIDEHRV AQLASLSWPI PVSLKQAVLD ICQQQQLTLS QFGQLDTQLG RLFADAVNAL LKEQNLQARD IVAIGCHGQT VWHEPTGVAP HTLQIGDNNQ IAARTGITVV GDFRRRDIAL GGQGAPLVPA FHHALLAHPT ERRMVLNIGG IANLSLLIPG QPVG GYDTGP GNMLMDAWIW RQAGKPYDKD AEWARAGKVI LPLLQNMLSD PYFSQPAPKS TGREYFN YGW LERHLRHFP G VDPRDVQATL AELTAVTISE QVLLSGGCER LMVCGGGSRN PLLMARLAAL LPGTEVTTTD AVGISGDDME ALAFAWLAWR TLAGLPGNLP SVTGASQETV LGAIFPANP
Source	E.coli
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.