



Recombinant Escherichia coli O45:K1 Cytidylate kinase (cmk)

Product Code	CSB-YP486094EOK
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.	B7MHL9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MTAIAPVITI DGPSGAGKGT LCKAMAEALQ WHLLDSGAIY RVLALAALHH HVDVASEDAL VPLASHLDVR FVSTNGNLEV ILEGEDVSGE IRTQEVANAA SQVAAPRVR EALLRRQRAF RELPGLIADG RDMGTVVFPD APVKIFLDAS SEERAHRRML QLQEKGFVSFN FERLLAEIKE RDDRDRNRAV APLVPAADAL VLDSTTLSIE QVIEKALQYA RQKLALA
Source	Yeast
Target Names	cmk
Protein Names	Recommended name: Cytidylate kinase Short name= CK EC= 2.7.4.25 Alternative name(s): Cytidine monophosphate kinase Short name= CMP kinase
Expression Region	1-227
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.