



Recombinant Cytidylate kinase (cmk)

Product Code	CSB-EP716785SMZ-B
Abbreviation	cmk
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.	Q5XCU3
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MKAIKIAIDG PASSGKSTVA KIIAKNLGYT YLDTGAMYRS ATYIALTHGY TDKEVALILE ELEKNPISFK KAKDGSQLVF LGDEDVTLVI RQNDVTNNVS WVSALPEIRE ELVHQRRRIA QAGGIIMDGR DIGTVVLPDA ELKIFLVASV EERAERRYKE NLEKGIESDF ETLKEEIAAR DYKDSHRKVS PLKAAEDALI FDTTGVSIDG VVQFIQEKAE KIVDMS
Source	E.coli
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	1-226
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.