



Recombinant Vaccinia virus Thymidylate kinase (TMK)

Product Code	CSB-MP770443VAI
Abbreviation	TMK
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.	Q80HT9
Product Type	Recombinant Protein
Immunogen Species	Vaccinia virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR))
Purity	>85% (SDS-PAGE)
Sequence	MSRGALIVFE GLDKSGKTTQ CMNIMESIPA NTIKYLNFPQ RSTVTGKMID DYLTRKKTYN DHIVNLLFCA NRWEFASFIQ EQLEQGITLI VDRYAFSGVA YAAAKGASMT LSKSYESGLP KPDLVIFLES GSKEINRNVG EEIYEDVTFQ QKVLQEYKKM IEEGDIHWQI ISSEFEEDVK KELIKNIVIE AIHTVTGPVG QLWM
Source	Mammalian cell
Target Names	TMK
Protein Names	Recommended name: Thymidylate kinase EC= 2.7.4.9 Alternative name(s): dTMP kinase
Expression Region	1-204
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.