



Recombinant Human herpesvirus 1 Thymidine kinase (TK)

Product Code	CSB-EP023577HWY-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P03176
Product Type	Recombinant Protein
Immunogen Species	Human herpesvirus 1 (strain 17) (HHV-1) (Human herpes simplex virus 1)
Purity	≥85% (SDS-PAGE)
Sequence	MASYPCHQHA SAFDQAARSR GHNNRRTALR PRRQQEATEV RPEQKMPDLL RVYIDGPHGM GKTTTTQLLV ALGSRDDIVY VPEPMTYWRV LGASETIANI YTTQHRLDQG EISAGDAAVV M TSAQITMG M PYAVTDAVLA PHIGGEAGSS HAPPPALTLI FDRHPAALL CYP AARYLMG S MTPQAVLAF VALIPPTLPG TNIVLGALPE DRHIDRLAKR QRPGERLDA M LAAIRRVYG LLANTVRYLQ CGGSWREDWG QLSGTAVPPQ GAEPQSNAGP RPHIGDTLFT LFRAPPELLAP NGDLYNVFAW ALDVLAKRLR SMHVFILDYD QSPAGCRDAL LQLTSGMVQT HVTTGPSIPT IC DLARTFAR EMGEAN
Source	E.coli
Target Names	TK
Protein Names	Recommended name: Thymidine kinase EC= 2.7.1.21
Expression Region	1-376
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.