



Recombinant HPr kinase/phosphorylase (hprK)

Product Code	CSB-MP716791SMZ
Abbreviation	hprK
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.	Q5XD71
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MTVTVKMLVQ KVKLDVVYAT DNLLSKEITT SDISRPGLM TGYFDYYAPE RLQLFGMKEW SYLTQMTSHN RYSVLKEMFK KDTPAVVVSRLAIPKEMVQ AAKEEGISLL SSRVSTSR LA GEMSYFLDAS LAERTSVHGV LMDIYGMGVL IQGDSGIGKS ETGLELVKRG HRLVADDRVD VYAKDEETLW GEPAEILRHL LEIRGVGIID VMSLYGASAV KDSSQVQLAI YLENFEAGKV FDRLGNGNEE ITFSGVRIPR IRIPVKTGRN VSVVIEAAM NHRAKEMGFD ATKTFEDRLT QLITKNEVSQ
Source	Mammalian cell
Target Names	hprK
Protein Names	Recommended name: HPr kinase/phosphorylase Short name= HPrK/P EC= 2.7.11.- EC= 2.7.4.- Alternative name(s): HPr(Ser) kinase/phosphorylase
Expression Region	1-310
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.