



Recombinant Anaplasma marginale Uridylate kinase (pyrH)

Product Code	CSB-MP728658AAAC
Abbreviation	pyrH
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.	Q5PBQ6
Product Type	Recombinant Protein
Immunogen Species	Anaplasma marginale (strain St. Maries)
Purity	≥85% (SDS-PAGE)
Sequence	MSVSDGAATG SVRYSRVLLK VSGEAFVGEK RFGFDPAAVL RLSRDLKNVK ESGVELCIVV GGGNIFRGAS TSDGFERTSN DYVGMLATVI NALALQNALE EMGVECRVLS AMPMTAVCET YVRRRAVRHL EKGRVVICAA GIGSPFFTTD TAAALRGIE M RCDAIFKGTQ VDG VYSSDPK KDGS AVRYDR ISYHDLSSN LKIMDAA AIS LARENSVPII VFDLGRDGAF FEAVHGRGLF TTISD
Source	Mammalian cell
Target Names	pyrH
Protein Names	Recommended name: Uridylate kinase Short name= UK EC= 2.7.4.22 Alternative name(s): Uridine monophosphate kinase Short name= UMP kinase Short name= UMPK
Expression Region	1-245
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.