



Recombinant *Pyrobaculum islandicum* Riboflavin kinase (ribK)

Product Code	CSB-EP376949PZW-B
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.	A1RT34
Product Type	Recombinant Protein
Immunogen Species	<i>Pyrobaculum islandicum</i> (strain DSM 4184 / JCM 9189 / GEO3)
Purity	≥85% (SDS-PAGE)
Sequence	MKCIDRRLLIG DLIALSTVEG LSVTDAAEKL CLTRQGLYKL LRHLKKEGYV AEGPAIRLTQ KGKDTLGVIL KDLLRYFNIL SIRLSGRVVS GLGEGAFYMS LEGYRRAIEQ KLGFTPYPGT LNIKLDPPSV VYKRYLDSLP GILIPGFSNG LRTYGAVKAF RAKLRDIEGA IVMPERTHHP TDVIEVIAPF KLREILGLRD GDRVEIEIYL E
Source	E.coli
Target Names	ribK
Protein Names	Recommended name: Riboflavin kinase Short name= RFK EC= 2.7.1.161 Alternative name(s): CTP-dependent riboflavin kinase CTP:riboflavin 5'-phosphotransferase Flavokinase
Expression Region	1-211
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.