Recombinant Escherichia coli O8 Glutamate 5-kinase (proB)

Product Code	CSB-YP486823EOO
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.	B7M271
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O8 (strain IAI1)
Purity	>85% (SDS-PAGE)
Sequence	MSDSQTLVVK LGTSVLTGGS RRLNRAHIVE LVRQCAQLHA AGHRIVIVTS GAIAAGREHL GYPELPATIA SKQLLAAVGQ SRLIQLWEQL FSIYGIHVGQ MLLTRADMED RERFLNARDT LRALLDNNIV PVINENDAVA TAEIKVGDND NLSALAAILA GADKLLLLTD QKGLYTADPR SNPQAELIKD VYGIDDALRA IAGDSVSGLG TGGMSTKLQA ADVACRAGID TIIAAGSKPG VIGDVMEGIS VGTLFHAQAT PLENRKRWIF GAPPAGEITV DEGATAAILE RGSSLLPKGI KSVTGNFSRG EVIRICNLEG RDIAHGVSRY NSDALRRIAG HHSQEIDAIL GYEYGPVAVH RDDMITR
Source	Yeast
Target Names	proB
Protein Names	Recommended name: Glutamate 5-kinase EC= 2.7.2.11 Alternative name(s): Gamma-glutamyl kinase Short name= GK
Expression Region	1-367
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.