



Recombinant Rhodobacter sphaeroides Phosphoribulokinase 1 (prkA)

Product Code	CSB-EP318195RLE-B
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P12033
Product Type	Recombinant Protein
Immunogen Species	Rhodobacter sphaeroides (Rhodopseudomonas sphaeroides)
Purity	>85% (SDS-PAGE)
Sequence	MSKKHPIISV TGSSGAGTST VKHTFDQIFR REGVKAVSIE GDAFHFRNRA DMKAELDRRY AAGDATFSHF SYEANELKEL ERVFREYGET GQGRTRTYVH DDAEAARTGV APGNFTDWRD FSDSHLLFY EGLHGAVVNS EVNIAGLADL KIGVVPVINL EWIQKIHRDR ATRGYTTEAV TDVILRRMHA YVHCIVPQFS QTDINFQRVP VVDTSNPFIA RWIPTADESV VVIRFRNPRG IDFPYLTSMI HGSWMSRANS IVVPGNKLDL AMQLILTPLI DRVVRESKVA
Source	E.coli
Target Names	prkA
Protein Names	Recommended name: Phosphoribulokinase 1 Short name= PRK I Short name= PRKase 1 EC= 2.7.1.19 Alternative name(s): Phosphopentokinase 1
Expression Region	1-290
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.