



Recombinant *Saccharomyces cerevisiae* Ribose-phosphate pyrophosphokinase 5 (PRS5)

Product Code	CSB-EP615485SVG-B
Abbreviation	PRS5
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.	Q12265
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSMSNIVVFG GDSHPELVTK ICENLDIHPS KVELGKFSNG ETNIALRESV REKDVYIIQS GCGQVNDTFM QLLILISACK SASASRVAV MPYLCYSRQP DIPYTAKGAP IISKPKENYF FESHPGTPVS SSLMTQRPGA ESSLKSLDSA IRSTINLENP QPIRTPNSSA TANNNFDIKK TLSFSRIPMI PGGKLQNTSN STDAGELFNA QNAGYKLWVV QAGTLIAHLL SAAGADHVIT MDLHDPQFPG FFDIPVDNLY CKPIAQNYIQ HRIPDYQDAV IVSPDAGGAK RATAIADALE LSFALIHKER RSQLLKGPPD ATLTSGGSLP VSPRPLVTTL VSSQNTTSSG ATGVAALEMK KTTSTSSTSS QSSNSSKFVQ TTMLVGDVRN KVCIIVDDL DTSYTITRAA KLLKDQGSK VYALITHGVF SGDALERIGQ SSIDKLIISN TVPQDRTLQY LGKDRVDVID VSCIIGEAR RIHNGESISM LFEHW
Source	E.coli
Target Names	PRS5
Protein Names	Recommended name: Ribose-phosphate pyrophosphokinase 5 EC= 2.7.6.1 Alternative name(s): Phosphoribosyl pyrophosphate synthase 5
Expression Region	1-496
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.