



Recombinant *Saccharomyces cerevisiae* Ribose-5-phosphate isomerase (RKI1)

Product Code	CSB-YP020104STA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A6ZNU5
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain YJM789) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MAAGVPKIDA LESLGNPLED AKRAAAYRAV DENLKFDDHK IIGIGSGSTV VYVAERIGQY LHDPKFYEVA SKFICPTGF QSRNLILDNK LQLGSIEQYP RIDIAFDGAD EVDENLQLIK GGGACLFQEK LVSTSAKTFI VVADSRKKSP KHLGKNWRQG VPIEIVPSSY VRVKNDLLEQ LHAEKVDIRQ GGSAGAPVV TDNNFIIDA DFGEISDPRK LHREIKLLVG VVETGLFIDN ASKAYFGNSD GSVEVTEK
Source	Yeast
Target Names	RKI1
Protein Names	Recommended name: Ribose-5-phosphate isomerase EC= 5.3.1.6 Alternative name(s): D-ribose-5-phosphate ketol-isomerase Phosphoriboisomerase
Expression Region	1-258
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.