



Recombinant Human Ribose-5-phosphate isomerase (RPIA)

Product Code	CSB-BP020104HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49247
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MQRPGPFSTL YGRVLAPLPG RAGGAASGGG GNSWDLPGSH VRLPGRAQSG TRGGAGNTST SCGDSNSICP APSTMSKAE AKKLAGRAAV ENHVRNNQVL GIGSGSTIVH AVQRIAERVK QENLNLVCIP TSFQARQLIL QYGLTSLDLD RHPEIDLAI DGADEV DADLN LIKGGGGCLT QEKIVAGYAS RFIVIADFRK DSKNLGDQWH KGIPIEVIPM AYVPVSRAVS QKFGGVVELR MAVNKAGPVV TDNGNFILDW KFDRVHKWSE VNTAIKMIPG VVDTGLFINM AERVYFGMQD GSVNMREKPF C
Source	Baculovirus
Target Names	RPIA
Protein Names	Recommended name: Ribose-5-phosphate isomerase EC= 5.3.1.6 Alternative name(s): Phosphoriboisomerase
Expression Region	1-311
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.