



# Recombinant Human Ribose-5-phosphate isomerase (RPIA)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP020104HU  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P49247  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MQRPGPFSTL YGRVLAPLPG RAGGAASGGG GNSWDLPGSH<br>VRLPGRAQSG TRGGAGNTST SCGDSNSICP APSTMSKAE AKKLAGRAAV<br>ENHVRNNQVL GIGSGSTIVH AVQRIAERVK QENLNLVCIP TSFQARQLIL<br>QYGLTSLDLD RHPEIDLAI DGADEV DADLN LIKGGGGCLT QEKIVAGYAS<br>RFIVIADFRK DSKNLGDQWH KGIPIEVIPM AYVPVSRAVS QKFGGVVELR<br>MAVNKAGPVV TDNGNFILDW KFDRVHKWSE VNTAIKMIPG VVDTGLFINM<br>AERVYFGMQD GSVNMREKPF C                                    |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | RPIA  |
| <b>Protein Names</b>     | Recommended name: Ribose-5-phosphate isomerase EC= 5.3.1.6<br>Alternative name(s): Phosphoriboisomerase   |
| <b>Expression Region</b> | 1-311   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full length protein   |
| <b>Reconstitution</b>    | 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. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |