



# Recombinant Human Ribokinase (RBKS), partial

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP019397HU  |
| <b>Abbreviation</b>      | RBKS  |
| <b>Storage</b>           | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>   |
| <b>Uniprot No.</b>       | Q9H477  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | AASGEPQRQ WQEEVAVVV VGSCMTDLVS LTSRLPKTGE TIHGKFFIG<br>FGGKGANQCV QAARLGAMTS MVCKVGKDSF GNDYIENLKQ NDISTEFTYQ<br>TKDAATGTAS IIVNNEGQNI IVIVAGANLL LNTEDLRAAA NVISRAKVMV<br>CQLEITPATS LEALTMARRS GVKTLFNPAP AIADLDPQFY TLDVDFCCNE<br>SEAEILTGLT VGSAADAGEA ALVLLKRGQC VVIITLGAEG CVVLSQTEPE<br>PKHIPTEKVK AVDTTGAGDS FVGALAFYLA YYPNLSLEDL LNRSNFIAAV<br>SVQAAGTQSS YPYKKDLPLT LF                           |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | RBKS  |
| <b>Protein Names</b>     | Recommended name: Ribokinase EC= 2.7.1.15   |
| <b>Expression Region</b> | 2-322   |
| <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>    | Partial   |
| <b>Target Details</b>    | The ribokinase encoded by this gene belongs to the pfkB family of carbohydrate kinases. It phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism.  |
| <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>        | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>   |