



Recombinant Haloarcula marismortui Riboflavin kinase (ribK)

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| Product Code | CSB-YP733116HTJ |
| Abbreviation | ribK |
| 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. | Q5UY62 |
| Product Type | Recombinant Protein |
| Immunogen Species | Haloarcula marismortui (strain ATCC 43049 / DSM 3752 / JCM 8966 / VKM B-1809) (Halobacterium marismortui) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MRTRGSRNWR SRASSGSGTR SWSIEATDRN LSQQCDVAEH VRQRVKLYPA QTVKRAFRTN PVSVSLRSKS GMHSTFGMLI RRESLLQRMA ESTGQGVGRD ELATLKLLAL DGALDESTKV SCADLAERLD ASNQTASRRL QRLEDAGLLA RDIVSDGQEV ELTGDGERRL QSEYADYRRI FESDASVDLT GVVTSGMGEG RHYITLPGYM EQFIERLGYE PFAGTLNLEL TAESVRKRAR MSAIEPVTIE GWEDDERTYG PAYCYPASIE GSDSEYEPAH VIAPERTHHG EEQLEVIAPE KLREVLELAD GDEVIVHVSE |
| Source | Yeast |
| Target Names | ribK |
| Protein Names | Recommended name: Riboflavin kinase Short name= RFK EC= 2.7.1.161 Alternative name(s): CTP-dependent riboflavin kinase CTP:riboflavin 5'-phosphotransferase Flavokinase |
| Expression Region | 1-320 |
| 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. |
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