



Recombinant Mouse Kethexokinase (Khk)

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| Product Code | CSB-YP012157MO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P97328 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MEEKQILCVG LVVLDIINVV DKYPEEDTDR RCLSQRWQRG GNASNSCTVL SLLGARCAFM GSLAPGHVAD FLVADFRQRG VDVSQVTWQS QGDTPCSCCI VNNSNGSRTI ILYDTNLDPDV SAKDFEKVDL TRFKWIHIEG RNASEQVKML QRIEEHNAKQ PLPQKVRVSV EIEKPREELF QLFSYGEVVF VSKDVAKHLG FQPAVEALRG LYSRVKKGAT LVCAWAEEGA DALGPDGQLL HSDAFPPPRV VDTLGAGDTF NASVIFSLK GNSMQEALRF GCQVAGKKCG LQGF DGIV |
| Source | Yeast |
| Target Names | Khk |
| Protein Names | Recommended name: Kethexokinase EC= 2.7.1.3 Alternative name(s): Hepatic fructokinase |
| Expression Region | 1-298 |
| 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 |
| Target Details | This gene encodes kethexokinase that catalyzes conversion of fructose to fructose-1-phosphate. The product of this gene is the first enzyme with a specialized pathway that catabolizes dietary fructose. Alternatively spliced transcript variants encoding different isoforms have been identified. |
| 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. |