



Recombinant Mouse Kethexokinase (Khk)

Product Code	CSB-EP012157MO-B
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 ILYDTNLPDV SAKDFEKVDL TRFKWIHIEG RNASEQVKML QRIEEHNAKQ PLPQKVRVSV EIEKPREELF QLFSYGEVVF VSKDVAKHLG FQPAVEALRG LYSRVKKGAT LVCAWAEEGA DALGPDGQLL HSDAFPPPRV VDTLGAGDTF NASVIFSLSK GNSMQEALRF GCQVAGKKCG LQGF DGIV
Source	E.coli
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.