



# Recombinant *Saccharomyces cerevisiae* [Pyruvate dehydrogenase [lipoamide]] kinase, mitochondrial (PKP1)

<b>Product Code</b>	CSB-MP334732SVG
<b>Storage</b>	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.
<b>Uniprot No.</b>	P40530
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	PSHELLSQLS FDQHYKIRSN IELLIQDYAS KPIAPLNIEY FLQYRPPLTK KEEYMLTIKT INLLSLTCK RLNAIQRLPY NAVINPHIER TNSLYLKSLQ TLLSIAYPYE LHNPPKIQAK FTELLDDHED AIVVLAKGLQ EIQSCYPKFQ ISQFLNFHLK ERITMKLLVT HYLSLMAQNK GDTNKRMIKI LHRDLPIAQL IKHVSDYVND ICFVKFNTQR TPVLIHPPSQ DITFTCIPPI LEYIMTEVFK NAFEAQIALG KEHMPIEINL LKPDDDELYL RIRDHGGGIT PEVEALMFNY SYSTHTQQSA DSESTDLPGE QINNVSGMGF GLPMCKTYLE LFGGKIDVQS LLGWGTDVYI KLKGPSKTAL LSKK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PKP1
<b>Protein Names</b>	Recommended name: [Pyruvate dehydrogenase [lipoamide]] kinase, mitochondrial Short name= Pyruvate dehydrogenase kinase EC= 2.7.11.2 Alternative name(s): Protein kinase of PDH protein 1
<b>Expression Region</b>	21-394
<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 of Mature 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. 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.