



# Recombinant Human [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial (BCKDK)

<b>Product Code</b>	CSB-EP002607HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O14874
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>STSATDTHHV EMARERSKTV TSFYNQSAID AAAEKPSVRL TPTMMLYAGR            SQDGSHELLKS ARYLQQELPV RIAHRIKGFR CLPFIIGCNP TILHVHELYI            RAFQKLDFP PIKDQADEAQ YCQLVRQLLD DHKDVVTLA EGLRESRKHI            EDEKLVRYFL DKTLTSRLGI RMLATHHLAL HEDKPDFVGI ICTRLSPKKI            IEKWVDFARR LCEHKYGNAP RVRINGHVAA RFPFIPMPLD YILPELLKNA            MRATMESHLD TPYNVPDVVI TIANDVDLI IRISDRGGGI AHKDLDRVMD            YHFTTAEAST QDPRISPLFG HLDMHSGAQS GPMHGFGL PTSRAYAEYL            GGSLQLQLSQ GIGTDVYLRL RHIDGreesf RI</p>
<b>Source</b>	E.coli
<b>Target Names</b>	BCKDK
<b>Protein Names</b>	<p>Recommended name: [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial EC= 2.7.11.4 Alternative name(s): Branched-chain alpha-ketoacid dehydrogenase kinase Short name= BCKD-kinase Short name= BCKDHKIN</p>
<b>Expression Region</b>	31-412
<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>	<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>