



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

Product Code	CSB-MP002607HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14874
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	STSATDTHHV EMARERSKTV TSFYNQSAID AAAEKPSVRL TPTMMLYAGR SQDGSHELLKS ARYLQQLPV RIAHRIKGR CLPFIIGCNP TILHVHELYI RAFQKLTDFP PIKDQADEAQ YCQLVRQLLD DHKDVVTLA EGLRESRKHI EDEKLVRYFL DKTLTSRLGI RMLATHHLAL HEDKPDFVGI ICTRLSPKKI IEKWVDFARR LCEHKYGNAP RVRINGHVAA RFPFIPMLD YILPELLKNA MRATMESHLD TPYNVPDVVI TIANDVDLI IRISDRGGGI AHKDLDRVMD YHFTTAEAST QDPRISPLFG HLDMHSQAQS GPMHGFGL PTSRAYAEYL GGSLQLQLSQ GIGTDVYLRL RHIDGreesf RI
Source	Mammalian cell
Target Names	BCKDK
Protein Names	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
Expression Region	31-412
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 of Mature 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.
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.