



Recombinant Human 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial (BCKDHA)

Product Code	CSB-EP002605HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P12694
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>SSLDD KPQFPGASAE FIDKLEFIQP NVISGIPIYR VMQRQGGQIIN PSEDPHLPKE KVLKLYKSMT LLNTMDRILY ESQRQGRISF YMTNYGEEGT HVGSAALDN TDLVFGQYRE AGVLMYRDYP LELFMAQCYG NISDLGKGRQ MPVHYGCKER HFVTISSPLA TQIPQAVGAA YAAKRANANR VVICYFGEGA ASEGDAHAGF NFAATLECPY IFFCRNNGYA ISTPTSEQYR GDGIAARGPG YGIMSIRVDG NDVFAVYNAT KEARRRAVAE NQPFLIEAMT YRIGHHSTSD DSSAYRSVDE VNYWDKQDHP ISRLRHLLS QGWWDDEEQEK AWRKQSRRKV MEAFEQAERK PKPNPNLLFS DVYQEMPAQL RKQQESLARH LQTYGEHYPL DHFDK</p>
Source	E.coli
Target Names	BCKDHA
Protein Names	Recommended name: 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial EC= 1.2.4.4 Alternative name(s): Branched-chain alpha-keto acid dehydrogenase E1 component alpha chain Short name= BCKDE1A Short name= BCKDH E1-alpha
Expression Region	46-445
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.