



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

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| Product Code | CSB-MP002605HU |
| 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 VMDRQGQIIN PSEDPHLPKE KVLKLYKSMT LLNTMDRILY ESQRQGRISF YMTNYGEEGT HVGSAALDN TDLVFGQYRE AGVLMYRDYP LELFMAQCYG NISDLGKGRQ MPVHYGCKER HFVTISSPLA TQIPQAVGAA YAAKRANANR VVICYFGEGA ASEGDAHAGF NFAATLECP IFFCRNNGYA ISTPTSEQYR GDGIAARGPG YGIMSIRVDG NDVFAVYNAT KEARRRAVAE NQPFLIEAMT YRIGHHSTSD DSSAYRSVDE VNYWDKQDHP ISRLRHLLS QGWWDDEEQEK AWRKQSRRKV MEAFEQAERK PKPNPNLLFS DVYQEMPAQL RKQQESLARH LQTYGEHYPL DHFDK</p> |
| Source | Mammalian cell |
| 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-alph |
| 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. |