

Recombinant Human BCKDHA protein, His-tagged

Cat. No. BCKDHA-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCKDHA protein(264-445 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	264-445 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term

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storage.

AA Sequence

CRNNGYAISTPTSEQYRGDGI AARGPGYGIMSIRVDGNDVFAVYNATKEARRRAVA
ENQPFLIEAMTYRIGHHSTSDSSAYRSVDEVNYWDKQDHPISRRLRHYLLSQGWWD
EEQEKAWRKQSRRKVMEAFEQAERKPKPNPNLLFSDVYQEMPAQLRKQQESLAR
HLQTYGEHYPLDHFDDK

GENE INFORMATION

Gene Name

BCKDHA branched chain keto acid dehydrogenase E1, alpha polypeptide [Homo sapiens]

Official Symbol

BCKDHA

Synonyms

BCKDHA; branched chain keto acid dehydrogenase E1, alpha polypeptide; 2 oxoisovalerate dehydrogenase (lipoamide) , branched chain keto acid dehydrogenase E1, alpha polypeptide (maple syrup urine disease) , OVD1A; 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial; maple syrup urine disease; MSU; BCKDH E1-alpha; 2-oxoisovalerate dehydrogenase (lipoamide); branched-chain alpha-keto acid dehydrogenase E1 component alpha chain; MSUD1; OVD1A; BCKDE1A; FLJ45695;

Gene ID

593

mRNA Refseq

NM_000709

Protein Refseq

NP_000700

MIM

608348

UniProt ID

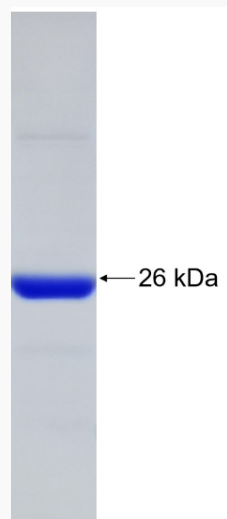
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SDS-PAGE



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