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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BCKDHA (Human) Recombinant Protein (P01)

Catalog Number: H00000593-P01

Regulation Status: For research use only (RUO)

Product Description: Human BCKDHA full-length ORF (AAH07878.1, 1 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MAVAIAAARVWRLNRGLSQAALLLLRQPGARGLARSH
PPRQQQQFSSLDDKPQFPGASAEFIDKLEFIQPNVISGI
PIYRVMDRQGQIINPSEDPHLPKEKVLKLYKSMTLLNT
MDRILYESQRQGRISFYMTNYGEEGTHVGSAAALDNT
DLVFGQYREAGVLMYRDYPLELFMAQCYGNISDLGKG
RQMPVHYGCKERHFVTISSPLATQIPQAVGAAYAAKR
ANANRVVICYFGEGAASEGDAHAGFNFAATLECPIIFF
CRNNGYAISTPTSEQYRGDGIAARGPGYGIMSIRVDG
NDVFAVYNATKEARRRAVAENQPFLIEAMTYRIGHHST
SDDSSAYRSVDEVNYWDKQDHPISRLRHYLLSQGWW
DEEQEKAWRKQSRRKVMEAFEQAERKPKPNPNLLFS
DVYQEMPAQLRKQQESLARHLQTYGEHYPLDHFDK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.69

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 593

Gene Symbol: BCKDHA

Gene Alias: BCKDE1A, FLJ45695, MSU, MSUD1, OVD1A

Gene Summary: The branched-chain alpha-keto acid (BCAA) dehydrogenase (BCKD) complex is an innter mitochondrial enzyme complex that catalyzes the second major step in the catabolism of the branched-chain amino acids leucine, isoleucine, and valine. The BCKD complex consists of three catalytic components: a heterotetrameric (alpha2-beta2) branched-chain alpha-keto acid decarboxylase (E1), a dihydrolipoyl transacylase (E2), and a dihydrolipoamide dehydrogenase (E3). This gene encodes the alpha subunit of the decarboxylase (E1) component. Mutations in this gene result in maple syrup urine disease, type IA. Multiple transcript variants encoding different isoforms have been found for this gene]