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BCKDHA, 46-445aa, Human, His tag, E.coli

产品货号: TP01307

第三版

别名:2-oxoisovalerate dehydrogenase subunit alpha, BCKDE1A, BCKDH E1-alpha, MSU, MSUD1, OVD1A.

描述:BCKDHA (branched-chain α -keto acid dehydrogenase E1 component α chain), also known as 2- oxoisovalerate dehydrogenase subunit alpha, belongs to the BCKDHA family. The branched-chain α -keto acid dehydrogenase complex is an inter mitochondrial enzyme complex that catalyzes the second major step in the catabolism of the branched-chain amino acids leucine, isoleucine, and valine.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 30% glycerol, 0.2M NaCl

分子量:47.8kDa (421aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSSLDDKPQFPGASAEFIDKLEFIQPNVISGIPYRVM DRQGQIINPSEDPHLPKEKVLKLY
KSMTLLNTMDRILYESQRQGRISFYMTNYGEEGTHVGSAAALDNTDLVFGQYREAGVLMYRDYPLELFMAQCYGNISDL
GKGRQMPVHYGCKERHFVTISSPLATQIPQAVGAAYA AAKRANANRVVICYFGEAASEGDAHAGFNFAATLECP IIFFCR
NNGYAISTPTSEQYRGDGAARGPGYGIMSIRVDGNDVFAVYNATKEARRRAVAENQPFLIEAMTYRIGHHSTSDSSAYR
SVDEVNYWDKQDHPISRLRH YLLSQGWWD EEQEKAWRKQSRRKVMEAFEQAERKPKPNP NLLFSDVYQEMPAQLR KQ
QESLARHLQTYGEHYPLDHF DK

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.