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BCAT2, 28-392aa, Human, His tag, E.coli

产品货号: TP01304

第三版

别名: Branched chain amino-acid aminotransferase 2, mitochondrial, BCAM, BCATM, BCT2, PP18.

描述: BCAT2 belongs to the class-IV pyridoxal-phosphate-dependent aminotransferase family. This protein forms a dimer that catalyzes the first step in the production of the branched chain amino acids leucine, isoleucine, and valine. It may also function as a transporter of branched chain alpha-keto acids.

配方: Liquid. 20mM Tris-HCl buffer (pH 7.5) containing 10% glycerol 0.2M NaCl, 1mM DTT

分子量: 43.9 kDa(390aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMASSSFKAADLQLEMTQKPHKKPGPGPEPLVFGKTFTDHMLMVEWNDKGWGQ  
PRIQPFQNLTLHPASSSLHYSLQLFEGMKAFKKGKQQVRLFRPWLNMDRMLRSAMRLCLPSFDKLELLECIRRLIEVDKDW  
VPDAAGTSLYVRPVLIGNEPSLGVSPTRALLFVILCPVGAYFPGGSVTPVSLADPAFIRAWVGGVGNKLGNYGPTVL  
VQQEALKRGCEQVLWLYGPDHQLTEVGTMNIFVYWTHEDGVLELVTPLNGVILPGVVRQSLDQAQTWGEFRVVER  
TITMKQLLRAL E EGRVREVFSGTACQVCPVHRILYKDRNLHIPTMENGPELILRFQKELKEIQYGIRAH E W M F P V

纯度: > 95% by HPLC

浓度: 0.5 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.