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BCAT1, 1-386aa, Human, His tag, E.coli

产品货号: TP01303

第三版

别名: Branched chain amino-acid transaminase, cytosolic, BCATC, BCT1, ECA39, MECA39, PNAS121, PP18.

描述: BCAT1, also known as branched chain amino-acid transaminase, cytosolic, catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine. Recombinant human BCAT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量: 45.4 kDa (409aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMKDCSNGCSAECTGEGGSKEVVGTFKAKDLIVTPATILKEKPDNNLVFGTVFTD
HMLTVEWSSEFGWEKPHIKPLQNLSLHPGSSALHYAVELFEGKAFRGVDNKIRLFQPNLNMDRMYRSAVRATLPVFDKE
ELLECIQQLVKLDQEWVYPYSTASLYIRPTFIGTEPSLGVKKPTKALLFVLLSPVGPYFSSGTFNPVSLWANPKYVRAWKGGT
GDCKMGGNYGSSLFAQCEAVDNGCQQVLWLYGEDHQITEVGTMNLFLYWINEDGEEELATPPLDGIIIPGVTRRCILD
AHQWGEFKVSERYLTMDLTTALEGNRVREMFSGTACVVCPSDILYKGETIHIPTMENGPKLASRILSKLTDIQYGREE
SDWTIVLS

纯度: > 95% by HPLC

浓度: 1 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.