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# 32-2177: BCAT1 Recombinant Protein

**Alternative Name :** Branched chain amino-acid transaminase 1 cytosolic,BCT1,BCATC,Protein ECA39,placental protein 18,PP18,PNAS121,MECA39,EC 2.6.1.42.

## Description

Source : E.coli. BCAT1 Recombinant produced in E. coli is a single polypeptide chain containing 409 amino acids (1-386) and having a molecular mass of 45.4kDa.BCAT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. BCAT1 catalyzes the leading reaction in the catabolism of the indispensable branched chain amino acids isoleucine, leucine and valine.

## Product Info

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|---|---|
| **Amount :** | 20 µg |
| **Purification :** | Greater than 90% as determined by SDS-PAGE. |
| **Content :** | The BCAT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 20% glycerol. |
| **Storage condition :** | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| **Amino Acid :** | MGSSHHHHHH SSGLVPRGSH MGSMKDCSNG CSAECTGEGG SKEVVGTFKA KDLIVTPATI LKEKPDPNNL VFGTVFTDHM LTVEWSSEFG WEKPHIKPLQ NLSLHPGSSA LHYAVELFEG LKAFRGVDNK IRLFQPNLNM DRMYRSAVRA TLPVFDKEEL LECIQQLVKL DQEWVPYSTS ASLYIRPTFI GTEPSLGVKK PTKALLFVLL SPVGPYFSSG TFNPVSLWAN PKYVRAWKGG TGDCKMGGNY GSSLFAQCEA VDNGCQQVLW LYGEDHQITE VGTMNLFLYW INEDGEEELA TPPLDGIILP GVTRRCILDL AHQWGEFKVS ERYLTMDDLT TALEGNRVRE MFGSGTACVV CPVSDILYKG ETIHIPTMEN GPKLASRILS KLTDIQYGRE ESDWTIVLS. |

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