

Human BCAT1 Recombinant Protein



RPPB1437

Product Information Protein Information

Product SKU:

RPPB1437

Accession:

P54687

Host:

E.coli.

Protein description:

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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

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

Formulation:

The BCAT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

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 Sequence:

MGSSHHHHHH SGLVPRGSH MGSMKDCSNG CSAECTGEGG SKEVVGTFKA KDLIVTPATI LKEKDPNNL
VFGTVFTDHM LTVEWSSEFG WEKPHIKPLQ NLSLHPGSSA LHYAVELFEG LKAFRGVDNK IRLFQPNLNM
DRMYRSAVRA TLPVFDKEEL LECIQQLVKL DQEWVPYSTS ASLYIRPTFI GTEPSLGVKK PTKALLFVLL
SPVGPYFSSG TFNPVSLWAN PKYVRAWKGG TGDCKMGGNY GSSLFAQCEA VDNGCQQVLW LYGEDHQITE
VGTMNFLYW INEDGEEELA TPPLDGILP GVTRRCILD L AHQWGEFKVS ERYLTMDDLT TALEGNRVRE
MFGSGTACVV CPVSDILYKG ETIHPTMEN GPKLASRILS KLTDIQYGRE ESDWTIVLS.