

Product datasheet for AR50347PU-N

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BCAT2 (28-392, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: BCAT2 (28-392, His-tag) human recombinant protein, 0.25 mg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MGSHMASSSF KAADLQLEMT QKPHKKPGPG EPLVFGKTFT or AA Sequence: DHMLMVEWND KGWGQPRIQP FQNLTLHPAS SSLHYSLQLF EGMKAFKGKD QQVRLFRPWL

> NMDRMLRSAM RLCLPSFDKL ELLECIRRLI EVDKDWVPDA AGTSLYVRPV LIGNEPSLGV SQPTRALLFV ILCPVGAYFP GGSVTPVSLL ADPAFIRAWV GGVGNYKLGG NYGPTVLVQQ EALKRGCEQV LWLYGPDHQL TEVGTMNIFV YWTHEDGVLE LVTPPLNGVI LPGVVRQSLL DMAQTWGEFR VVERTITMKQ LLRALEEGRV REVFGSGTAC QVCPVHRILY KDRNLHIPTM

ENGPELILRF QKELKEIQYG IRAHEWMFPV

Tag: His-tag Predicted MW: 43.9 kDa Concentration: lot specific

>90% by SDS - PAGE **Purity:**

Buffer: Presentation State: Purified

State: Liquid purified protein

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

Preparation: Liquid purified protein

Protein Description: Recombinant human BCAT2 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001158245

Locus ID: 587

UniProt ID: O15382 Cytogenetics: 19q13.33





Synonyms: BCATM, BCT2, ECA40, BCAT(m)

Summary: This gene encodes a branched chain aminotransferase found in mitochondria. The encoded

> protein forms a dimer that catalyzes the first step in the production of the branched chain amino acids leucine, isoleucine, and valine. Multiple transcript variants encoding different

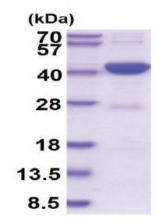
isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Pantothenate and CoA biosynthesis, Valine, leucine and isoleucine

biosynthesis, Valine, leucine and isoleucine degradation

Product images:



15% SDS-PAGE (3ug)