

Product datasheet for **AR50347PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	BCAT2 (28-392, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMASSSF KAADLQLEMT QKPHKKPGPG EPLVFGKTFT DHMLMVEWND KGWGQPRIQP FQNLTLHPAS SSLHYSLQLF EGMKAFKGD QQVRLFRPWL NMDRMLRSAM RLCLPSFDKL ELLECIRRLI EVDKDWVPDA AGTSLYVRPV LIGNEPSLGV SQPTRALLFV ILCVPGAYFP GGSVTPVSLI ADPAFIRAWV GGVGNYKLGQ NYGPTVLVQQ EALKRGCEQV LWLYGPDHQL TEVGTMNIFV YWTHEDGVLE LVTPPLNGVI LPGVVRQSLI DMAQTWGEFR VVERTITMKQ LLRALEEGRV REVFSGGTAC QVCPVHRILY KDRNLHIPTM ENGPELILRF QKELKEIQYG IRAHEWMFPV
Tag:	His-tag
Predicted MW:	43.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
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



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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:

