

Branched-chain-amino-acid aminotransferase, mitochondrial (Bcat2) Recombinant Protein | Bcat2 recombinant protein

Recombinant Mouse Branched-chain-amino-acid aminotransferase, mitochondrial (Bcat2)

CATALOG # AAA115812	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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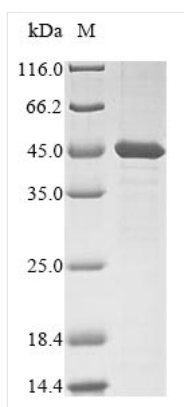
PRODUCT SYNONYMS

Branched-chain-amino-acid aminotransferase; mitochondrial (Bcat2); Recombinant Mouse Branched-chain-amino-acid aminotransferase; Bcat2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	28-393. Full Length of Mature Protein
Sequence	VSSIFKAADL QIQMTKEPQK KPAPSQALLF GKTFTDHMLM VEWNNKAGWG PPRIQPFQNL TLHPACSGLH YSLQLFEGLK AYKGGDQQVR LFRPWLNMDR MLRSARRLCL PDFDKQELLE CIRQLIEVDK DWVPDGNNGTS LYVRPVLIGN EPSLGVGMVT QALLYVILCP VGSYFPGDSM TPVSLLDAPS FVRAWIGGVG DCKLGGNYGP TVAVQREAQK RGCEQVLWLY GPDHQLTEVG TMNIFYWYTH EDGVLELVTP PLNGVILPGV VRQSLLDLAR TWGEFRVAER KVTMKELKRA LEEGRVREVF GSGTACQVCP VHQILYEGKQ LHIPTMENGP ELILRFQKEL KAIQYGASAH DWMFRV
Species	Mouse
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Bcat2 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33859514
NCBI GeneID	12036
NCBI Accession #	NP_033867.1
NCBI GenBank Nucleotide #	NM_009737.3
UniProt Accession #	O35855; Q8VD03
Molecular Weight	48.2 kDa
NCBI Official Full Name	branched-chain-amino-acid aminotransferase, mitochondrial isoform 1
NCBI Official Synonym Full Names	branched chain aminotransferase 2, mitochondrial
NCBI Official Symbol	Bcat2
NCBI Official Synonym Symbols	Eca40; Bcat-2; Bcat(m)
NCBI Protein Information	branched-chain-amino-acid aminotransferase, mitochondrial
UniProt Protein Name	Branched-chain-amino-acid aminotransferase, mitochondrial
UniProt Gene Name	Bcat2
UniProt Synonym Gene Names	Bcatm; Eca40; BCAT(m)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/bcat2-recombinant-protein-e-coli/115812>