

Recombinant Human BCAT2 protein, His-tagged

Cat. No. BCAT2-10170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCAT2 protein(41-392 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	41-392 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MTQKPHKKPGPGEPLVFGKTFTDHMLMVEWNDKGWGQPRIQPFQNLTLHPASSSL HYSLQLFEGMKAFKGGKDQQVRLFRPWLNMDRMLRSAMRLCLPSFDKLELLECIRRL IEVDKDWVPDAAGTSLYVRPVLIGNEPSLGVSQPTRALLFVILCPVGAYFPGGSVTPV SLLADPAFIRAWVGGVGNVYKLGGNYGPTVLVQQEALKRGCEQVLWLYGPDHQLTE VGTMNIFVYWTHEDGVLELVTPPLNGVILPGVVRQSLDMAQTWGEFRVVERTITMK QLLRALEEGRVREVFSGTACQVCPVHRILYKDRNLHIPTMENGPELILRFQKELKEI QYGIRAHWMPV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [BCAT2 branched chain amino-acid transaminase 2, mitochondrial \[Homo sapiens \]](#)

Official Symbol [BCAT2](#)

Synonyms

BCAT2; branched chain amino-acid transaminase 2, mitochondrial; BCT2, branched chain aminotransferase 2, mitochondrial; branched-chain-amino-acid aminotransferase, mitochondrial; BCAM; placental protein 18; branched chain aminotransferase 2, mitochondrial; BCT2; PP18; BCATM;

Gene ID [587](#)

mRNA Refseq [NM_001164773](#)

Protein Refseq [NP_001158245](#)

MIM [113530](#)

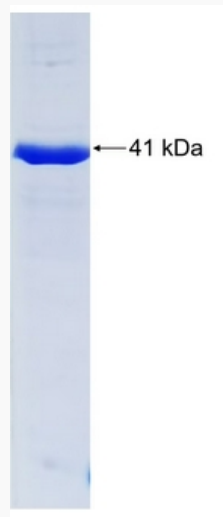
UniProt ID [O15382](#)

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SDS-PAGE



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