

Recombinant Human BCAT2 protein, His-SUMO-tagged

Cat. No. BCAT2-2578H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCAT2 protein(O15382)(28-392aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	28-392aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.3 kDa
AA Sequence	ASSSFKAADLQLEMTQKPHKKPGPGPELVFGKFTFDHMLMVEWNDKGGWGPRIQP FQNLTLHPASSSLHYSLQLFEGMKAFKGDQVRLFRPWLNMDRMLRSAMRLCLP SFDKLELLELCIRRLIEVDKDWVPDAAGTSLYVRPVLIGNEPSLGVSQPTRALLFVILCP VGAYFPGGSVTPVSLLADPAFIRAWVGGVGNKLGNYGPTVLVQQEALKRGCEQ VLWLYGPDHQLTEVGTMNIFVYWTHEDGVLELVTPPLNGVILPGVVRQSLLDMAQT WGEFRVVERTITMKQLLRAL E EGRVREVFSGTACQVCPVHRILYKDRNLHIPTMEN GPELILRFQKELKEIQYGIRAH EWMFPV
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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