

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	ASSSFKAADLQLEMTQKPHKKPGPGPEPLVFGKTFTDHMLMVEWNDKGWGQPRIQP FQNLTLHPASSSLHYSLQLFEGMKAFKGDQVRLFRPWLNMDRMLRSAMRLCLP SFDKLELLECIIRRLIEVDKDWVPDAAGTSLYVRPVLIGNEPSLGVSQPTRALLFVILCP VGAYFPGGSVTPVSLLADPAFIRAWVGGVGNKLGNGYGPVTLVQQEALKRGCEQ VLWLYGPDHQLTEVGTMNIFVYWTHEDGVLELVTPPLNGVILPGVVRQSLLDMAQT WGEFRVVERTITMKQLLRALLEEGRVREVFSGTACQVCPVHRILYKDRNLHIPTMEN GPELILRFQKELKEIQYGIRAHWMFPV
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