

Recombinant Full Length Human BCAT2 Protein, GST-tagged

Cat. No. BCAT2-1609HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human BCAT2 full-length ORF (NP_001181.2, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	392 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	70.7 kDa
AA Sequence	<p>MAAAALGQIW ARKLLSVPWL LCGPRRYASS SFKAADLQLE MTQKPHKKPG PGEPLVFGKT FTDHMLMVEW NDKGWGQPRI QPFQNLTLHP ASSSLHYSLQ LFEGMKAFKG KDQQVRLFRP WLNMDRMLRS AMRLCLPSFD KLELLECIRR LIEVDKDWVP DAAGTSLYVR PVLIGNEPSL GVSQPTRALL FVILCPVGAY FPGGSVTPVS LLADPAFIRA WVGGVGNKYKL GGNYGPTVLV QQEALKRGCE QVLWLYGPDH QLTEVGTMMNI FVYWTHEDGV LELVTPPLNG VILPGVVRQS LLDMAQTWGE FRVVERTITM KQLLRAL EEG RVREVFSGT ACQVCPVHRI</p>

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LYKDRNLHIP TMENGPPELIL RFQKELKEIQ YGIRAHEWMF PV

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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