

Recombinant Mouse Bcat2 Protein, MYC/DDK-tagged

Cat. No. Bcat2-694M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse branched chain aminotransferase 2, mitochondrial (Bcat2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine. May also function as a transporter of branched chain alpha-keto acids.
Molecular Mass	44.1 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Bcat2 branched chain aminotransferase 2, mitochondrial [Mus musculus (house mouse)]
Official Symbol	Bcat2
Synonyms	Bcat2; branched chain aminotransferase 2, mitochondrial; Eca40; Bcat-2; Bcat(m); branched-chain-amino-acid aminotransferase, mitochondrial; EC 2.6.1.42
Gene ID	12036
mRNA Refseq	NM_009737
Protein Refseq	NP_033867
UniProt ID	O35855

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