

Recombinant Mouse Bcat1 Protein, MYC/DDK-tagged

Cat. No. Bcat1-693M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse branched chain aminotransferase 1, cytosolic (Bcat1), 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.
Molecular Mass	42.7 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	Bcat1 branched chain aminotransferase 1, cytosolic [Mus musculus (house mouse)]
Official Symbol	Bcat1
Synonyms	Bcat1; branched chain aminotransferase 1, cytosolic; BCATc; Eca39; branched-chain-amino-acid aminotransferase, cytosolic; BCAT(c); EC 2.6.1.42
Gene ID	12035
mRNA Refseq	NM_007532
Protein Refseq	NP_031558
UniProt ID	P24288

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