

Recombinant Mouse Bcat1 Protein, MYC/DDK-tagged

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

SPECIFICATION

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| 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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