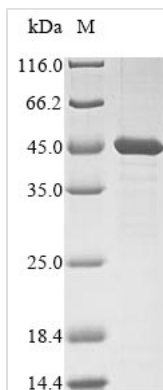




Recombinant Mouse Branched-chain-amino-acid aminotransferase, mitochondrial (Bcat2)

Product Code	CSB-EP002601MO
Relevance	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.
Abbreviation	Recombinant Mouse Bcat2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O35855
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	VSSIFKAADLQIQMTKEPQKKPAPSQALLFGKTFTDHMLMVEWNNKAGWGPP RIQPFQNLTLHPACSGSLHYSLQLFEGLKAYKGGDQQVRLFRPWLNMMDRMLRS ARRLCLPDFDKQELLECIQRLIEVDKDWVPDGNGLTSLYVRPVLIGNEPSLGGV MVTQALLYVILCPVGSYFPGDSMTVPVLLADPSFVRAWIGGVGDCKLGGNYG PTVAVQREAAKRGCEQVLWLYGPDHQLTEVGTMNIFVYWTHEDGVLELVTTP LNGVILPGVVRQSLLDLARTWGEFRVAERKVTMKELKRALEEGRVREVFSG TACQVCPVHQILYEGKQLHIPTMENGPELILRFQKELKAIQYGASAHDWMFVRV
Research Area	Metabolism
Source	E.coli
Target Names	Bcat2
Protein Names	Bcatm (Eca40)
Expression Region	28-393aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	48.2 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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