

Recombinant Mouse Bcat1 protein, His-tagged

Cat. No. Bcat1-2577M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bcat1 protein(P24288)(1-386aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-386aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	46.4 kDa
AA Sequence	MKDCSNGCSAPFAGERGSEEVAETFRAKDLIITPATVLKEKPDPDSL VFGATFTDHM LTVEWSSASGW EKPHIKPFGNLP IHPAASVLHYAVELFEGLKAFRGVDNKIRLFRPDL NMDRMCRSAVRTTLPMFDKEELLKCILQLLQIDQEWV PYSTSASLYIRPTFIGTEPSL GVKKPSKALLFVILSPVGPYFSSGSFTPVSLWANPKYIRAWKGGTGDCKMGGNYGA SLLAQCEAVENG CQQVLWLYGKDNQITEVGT MNLFLYWINEDGEEEELATPPLDGIIL PGVTRQSILELAQQWGEFKVCERHLTMDDLATALEGNRVKEMFGSGTACVVCVPS DILYKGQMLHIPTMENGPKLASRILGKLTDIQYGRVESDWTIELP
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	Bcat1 branched chain aminotransferase 1, cytosolic [Mus musculus]
Official Symbol	Bcat1
Synonyms	BCAT1; branched chain aminotransferase 1, cytosolic; branched-chain-amino-acid aminotransferase, cytosolic; BCAT(c); BCATc; Eca39;
Gene ID	12035
mRNA Refseq	NM_001024468
Protein Refseq	NP_001019639

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