

## **Product datasheet for TP506032**

## OriGene Technologies, Inc.

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## **Bcat1 (NM\_007532) Mouse Recombinant Protein**

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse branched chain aminotransferase 1, cytosolic (Bcat1),

with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse Expression Host: HEK293T

**Expression cDNA** >MR206032 protein sequence **Clone or AA Sequence**: Red=Cloning site Green=Tags(s)

MKDCSNGCSAPFAGERGSEEVAETFRAKDLIITPATVLKEKPDPDSLVFGATFTDHMLTVEWSSASGWEK PHIKPFGNLPIHPAASVLHYAVELFEGLKAFRGVDNKIRLFRPDLNMDRMCRSAVRTTLPMFDKEELLKC ILQLLQIDQEWVPYSTSASLYIRPTFIGTEPSLGVKKPSKALLFVILSPVGPYFSSGSFTPVSLWANPKY

IRAWKGGTGDCKMGGNYGASLLAQCEAAENGCQQVLWLYGKDNQITEVGTMNLFPYWINEDGEEELATPP LDGIILPGVTRQSILELAQQWGEFKVCERHLTMDDLATALEGNRVKEMFGSGTACVVCPVSDILYKGQML

HIPTMENGPKLASRILGKLTDIQYGRVESDWTIELP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-MYC/DDK
Predicted MW: 42.7 kDa

**Concentration:** >0.05 μg/μL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

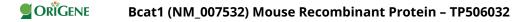
conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 031558

**Locus ID:** 12035

UniProt ID: <u>P24288</u>, <u>Q3TJN1</u>





RefSeq Size: 7868

Cytogenetics: 6 77.27 cM

RefSeq ORF: 1161

**Synonyms:** BCATc; Eca39

Summary: Catalyzes the first reaction in the catabolism of the essential branched chain amino acids

leucine, isoleucine, and valine.[UniProtKB/Swiss-Prot Function]