

Product datasheet for **TP506032**

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)

MKDCSNGCSAPFAGERGSEEVAETFRAKDLIITPATVLKEKPPDPSLVFGATFTDHMLTVEWSSASGWEEK
PHIKPFGNLPHPAASVLHYAVELFEGLKAFRGVDNKIRLFRPDLNMDRMCRAVVRTTLPMPDKEELLKC
ILQLLQIDQEWVPYSTSASLYIRPTFIGTEPSLGVKKPSKALLFVILSPVGPYFSSGSFTPVSLWANPKY
IRAWKGGTGDCKMGGNYGASLLAQCEAAENGCCQVLWLYGKDNQITEVGTMNLFYWINEDGEEELATPP
LDGIILPGVTRQSILELAQQWGEFKVCERHLTMDLATALEGNRVKEMFGSGTACVWCPVSDILYKQGML
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:	P24288 , Q3TJN1



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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]