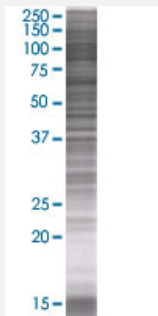


# BCAT2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000587-T01

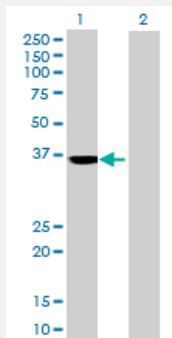
Size 100 uL

## Applications



### SDS-PAGE Gel

BCAT2 transfected lysate.



### Western Blot

Lane 1: BCAT2 transfected lysate ( 43.23 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-BCAT2 full-length
Host	Human
Theoretical MW (kDa)	43.23
Interspecies Antigen Sequence	Mouse (83)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-BCAT2 antibody ([H00000587-B01](#)) by Western Blots.  
SDS-PAGE Gel  
BCAT2 transfected lysate.  
Western Blot  
Lane 1: BCAT2 transfected lysate ( 43.23 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — BCAT2

**Entrez GeneID**[587](#)**GeneBank Accession#**[NM\\_001190.2](#)**Protein Accession#**[NP\\_001181.2](#)**Gene Name**

BCAT2

**Gene Alias**

BCAM, BCT2

**Gene Description**

branched chain aminotransferase 2, mitochondrial

**Omim ID**[113530](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a branched chain aminotransferase found in mitochondria. The encoded protein forms a dimer that catalyzes the first step in the production of the branched chain amino acids leucine, isoleucine, and valine. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

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## Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)
- [Valine](#)
- [Valine](#)