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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

DBT 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001629-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

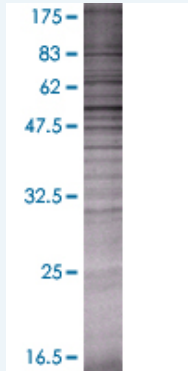
Plasmid: pCMV-DBT full-length

Host: Human

Theoretical MW (kDa): 53.13

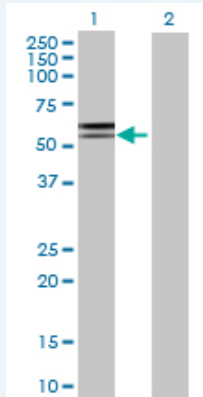
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-DBT antibody (H00001629-B01) by Western Blots.

SDS-PAGE Gel



DBT transfected lysate.

Western Blot



Lane 1: DBT transfected lysate (53.13 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.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [1629](#)

GeneBank Accession#: [BC016675.1](#)

Protein Accession#: [AAH16675.1](#)

Gene Name: DBT

Gene Alias: BCATE2,E2,E2B,MGC9061

Gene Description: dihydrolipoamide branched chain transacylase E2

Omim ID: [248600](#), [248610](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The branched-chain alpha-keto acid dehydrogenase complex (BCKD) is an inner-mitochondrial enzyme complex involved in the breakdown of the branched-chain amino acids isoleucine, leucine, and valine. The BCKD complex is thought to be composed of a core of 24 transacylase (E2) subunits, and associated decarboxylase (E1), dehydrogenase (E3), and regulatory subunits. This gene encodes the transacylase (E2) subunit. Mutations in this gene result in maple syrup urine disease, type 2. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

Other Designations: BCKAD E2 subunit,E2 component of branched chain alpha-keto acid dehydrogenase complex,OTTHUMP00000012596,branched chain acyltransferase, E2 component,dihydrolipoamide branched chain transacylase,dihydrolipoyl transacylase,dihydrolipoyllysine-residue (2-me

Gene Pathway

[Metabolic pathways Valine, leucine and isoleucine degradation](#)

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