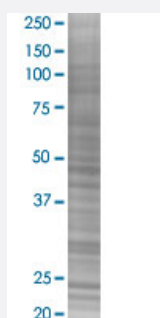


# HSD17B10 293T Cell Transient Overexpression Lysate(Denatured)

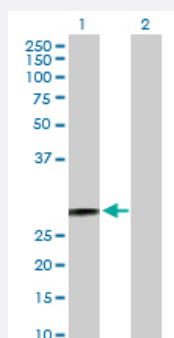
Catalog # H00003028-T02      Size 100 uL

## Applications



### SDS-PAGE Gel

HSD17B10 transfected lysate.



### Western Blot

Lane 1: HSD17B10 transfected lysate ( 26.90 KDa)

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Transfected Cell Line	293T
Plasmid	pCMV-HADH2 full-length
Host	Human
Theoretical MW (kDa)	26.9

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HADH2 antibody ([H00003028-D01P](#)) by Western Blots.  
SDS-PAGE Gel  
HSD17B10 transfected lysate.  
Western Blot  
Lane 1: HSD17B10 transfected lysate ( 26.90 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 — HSD17B10

## Entrez GeneID

[3028](#)

## GeneBank Accession#

[NM\\_004493.2](#)

## Protein Accession#

[NP\\_004484.1](#)

## Gene Name

HSD17B10

## Gene Alias

17b-HSD10, ABAD, CAMR, DUPXp11.22, ERAB, HADH2, HCD2, MHBD, MRPP2, MRX17, MRX31, MRXS10, SCHAD, SDR5C1

## Gene Description

hydroxysteroid (17-beta) dehydrogenase 10

## Omim ID

[300256](#) [300438](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

This gene encodes 3-hydroxyacyl-CoA dehydrogenase type II, a member of the short-chain dehydrogenase/reductase superfamily. The gene product is a mitochondrial protein that catalyzes the oxidation of a wide variety of fatty acids, alcohols, and steroids. The protein has been implicated in the development of Alzheimer's disease, and mutations in the gene are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD). Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq]

**Other Designations**

17-beta-hydroxysteroid dehydrogenase type 10|3-hydroxy-2-methylbutyryl-CoA dehydrogenase|A  
B-binding alcohol dehydrogenase|OTTHUMP00000023348|OTTHUMP00000023349|amyloid-be  
ta binding polypeptide|amyloid-beta peptide binding alcohol dehydrogenase|mental reta

## Pathway

- [Metabolic pathways](#)
- [Valine](#)