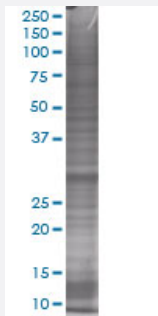


# HSD17B8 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007923-T01

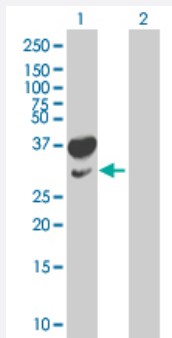
Size 100 uL

## Applications



### SDS-PAGE Gel

HSD17B8 transfected lysate



### Western Blot

Lane 1: HSD17B8 transfected lysate ( 28.82 KDa).

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-HSD17B8 full-length
Host	Human
Theoretical MW (kDa)	28.82
Interspecies Antigen Sequence	Mouse (87); Rat (87)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HSD17B8 antibody ([H00007923-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 HSD17B8 transfected lysate  
 Western Blot  
 Lane 1: HSD17B8 transfected lysate ( 28.82 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 — HSD17B8

### Entrez GeneID

[7923](#)

### GeneBank Accession#

[BC008185](#)

### Protein Accession#

[AAH08185](#)

### Gene Name

HSD17B8

### Gene Alias

D6S2245E, FABG, FABGL, H2-KE6, HKE6, KE6, RING2, SDR30C1, dJ1033B10.9

### Gene Description

hydroxysteroid (17-beta) dehydrogenase 8

### Omim ID

[601417](#)

### Gene Ontology

[Hyperlink](#)

### Gene Summary

In mice, the Ke6 protein is a 17-beta-hydroxysteroid dehydrogenase that can regulate the concentration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and inactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some reductive activity and can synthesize estradiol from estrone. The protein encoded by this gene is similar to Ke6 and is a member of the short-chain dehydrogenase superfamily. An alternatively spliced transcript of this gene has been detected, but the full-length nature of this variant has not been determined. [provided by RefSeq]

### Other Designations

17-beta-HSD 8|17-beta-hydroxysteroid dehydrogenase 8|OTTHUMP00000029153|beta-ketoacyl-[acyl-carrier-protein] reductase-like|estradiol 17 beta-dehydrogenase 8|estrogen 17-oxidoreductase|short chain dehydrogenase/reductase family 30C, member 1

## Pathway

- [Androgen and estrogen metabolism](#)
- [Metabolic pathways](#)

## Disease

- [Abortion](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)