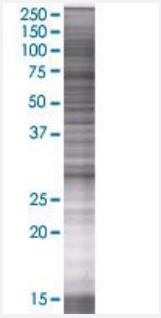
HSD17B6 293T Cell Transient Overexpression Lysate(Denatured)

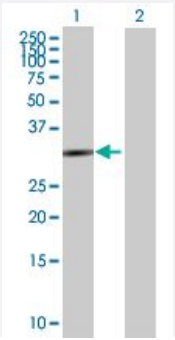
Catalog # H00008630-T01 Size 100 uL

Applications



SDS-PAGE Gel

HSD17B6 transfected lysate.



Western Blot

Lane 1: HSD17B6 transfected lysate (34.98 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HSD17B6 full-length
Host	Human
Theoretical MW (kDa)	34.98
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-HSD17B6 antibody (H00008630-B01) by Western Blots. SDS-PAGE Gel HSD17B6 transfected lysate. Western Blot Lane 1: HSD17B6 transfected lysate (34.98 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 — HSD17B6

Entrez GeneID	8630
GeneBank Accession#	NM_003725.2
Protein Accession#	NP_003716.2
Gene Name	HSD17B6
Gene Alias	HSE, RODH, SDR9C6
Gene Description	hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse)
Omim ID	606623
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene has both oxidoreductase and epimerase activities and is involved in androgen catabolism. The oxidoreductase activity can convert 3 alpha-adiol to dihydrotestosterone, while the epimerase activity can convert androsterone to epi-androsterone. Both reactions use NAD+ as the preferred cofactor. This gene is a member of the retinol dehydrogenase family. Transcript variants utilizing alternative polyadenylation signals exist. [provided by RefSeq
Other Designations	3(alpha->beta)-hydroxysteroid epimerase|3(alpha->beta)-hydroxysteroid epimerase||3-hydroxysteroid epimerase|NAD+ -dependent 3 alpha-hydroxysteroid dehydrogenase 3-hydroxysteroid epimerase|hydroxysteroid (17-beta) dehydrogenase 6|oxidative 3-alpha-hydroxys

Disease

- Genetic Predisposition to Disease
- Polycystic Ovary Syndrome