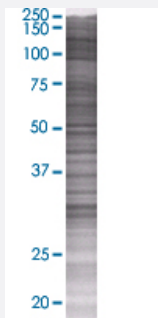


HSD17B7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051478-T01

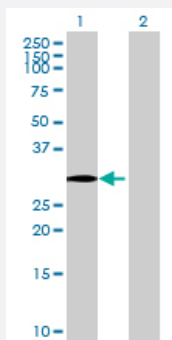
Size 100 uL

Applications



SDS-PAGE Gel

HSD17B7 transfected lysate.



Western Blot

Lane 1: HSD17B7 transfected lysate (37.62 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HSD17B7 full-length
Host	Human
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (79); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HSD17B7 antibody ([H00051478-B01](#)) by Western Blots.
SDS-PAGE Gel
HSD17B7 transfected lysate.
Western Blot
Lane 1: HSD17B7 transfected lysate (37.62 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 — HSD17B7

Entrez GeneID

[51478](#)

GeneBank Accession#

[NM_016371.2](#)

Protein Accession#

[NP_057455.1](#)

Gene Name

HSD17B7

Gene Alias

MGC12523, MGC75018, PRAP, SDR37C1

Gene Description

hydroxysteroid (17-beta) dehydrogenase 7

Omim ID

[606756](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The 17-beta-hydroxysteroid dehydrogenase enzyme (EC 1.1.1.62) oxidizes or reduces estrogens and androgens in mammals and regulates the biologic potency of these steroids.[supplied by OMIM]

Other Designations

17 beta-hydroxysteroid dehydrogenase type VIII|17beta hydroxysteroid dehydrogenase|OTTHUM P00000032328|short chain dehydrogenase/reductase family 37C, member 1

Pathway

- [Androgen and estrogen metabolism](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Metabolic pathways](#)
- [Steroid biosynthesis](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Premature Birth](#)