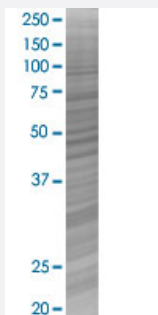


SRD5A1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006715-T03

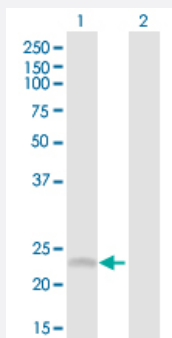
Size 100 uL

Applications



SDS-PAGE Gel

SRD5A1 transfected lysate.



Western Blot

Lane 1: SRD5A1 transfected lysate (29.50 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-SRD5A1 full-length

Host Human

Theoretical MW (kDa) 29.5

Quality Control Testing Transient overexpression cell lysate was tested with Anti-SRD5A1 antibody ([H00006715-D01P](#)) by Western Blots.
SDS-PAGE Gel
SRD5A1 transfected lysate.
Western Blot
Lane 1: SRD5A1 transfected lysate (29.50 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 — SRD5A1

Entrez GeneID	6715
GeneBank Accession#	NM_001047.2
Protein Accession#	NP_001038.1
Gene Name	SRD5A1
Gene Alias	-
Gene Description	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)
Omim ID	184753
Gene Ontology	Hyperlink
Gene Summary	Steroid 5-alpha-reductase (EC 1.3.99.5) catalyzes the conversion of testosterone into the more potent androgen, dihydrotestosterone (DHT). Also see SRD5A2 (MIM 607306).[supplied by OMIM]
Other Designations	3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1 5-alpha reductase OTTHUMP00000115519 steroid 5-alpha-reductase type II steroid-5-alpha-reductase 1

Pathway

- [Androgen and estrogen metabolism](#)

Disease

- [Alopecia](#)

- [Asperger Syndrome](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hirsutism](#)
- [Hyperandrogenism](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Male pattern baldness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Social Perception](#)

- [Thrombophilia](#)
- [Tobacco Use Disorder](#)