



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## AKR1D1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006718-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

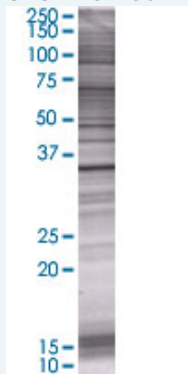
**Plasmid:** pCMV-AKR1D1 full-length

**Host:** Human

**Theoretical MW (kDa):** 35.97

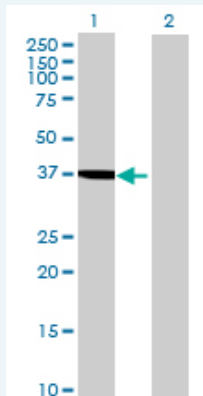
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-AKR1D1 antibody ([H00006718-B01](#)) by Western Blots.

#### SDS-PAGE Gel



AKR1D1 transfected lysate.

#### Western Blot



Lane 1: AKR1D1 transfected lysate ( 35.97 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.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [6718](#)

GeneBank [NM\\_005989.2](#)  
Accession#:

Protein [NP\\_005980.1](#)  
Accession#:

Gene Name: AKR1D1

Gene Alias: 3o5bred,SRD5B1

Gene Description: aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase)

Omim ID: [604741](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The enzyme encoded by this gene is responsible for the catalysis of the 5-beta-reduction of bile acid intermediates and steroid hormones carrying a delta(4)-3-one structure. Deficiency of this enzyme may contribute to hepatic dysfunction. [provided by RefSeq]

Other Designations: aldo-keto reductase family 1, member D1,steroid 5-beta-reductase,steroid-5-beta-reductase, beta polypeptide 1 (3-oxo-5 beta-steroid delta 4-dehydrogenase beta 1)

### Gene Pathway

[Androgen and estrogen metabolism](#) [C21-Steroid hormone metabolism](#) [Metabolic pathways](#)  
[Primary bile acid biosynthesis](#)

### Related Disease

[Tobacco Use Disorder](#)