



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## SRD5A2 monoclonal antibody (M01), clone 1F4

Catalog # : H00006716-M01

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant SRD5A2.

**Immunogen:** SRD5A2 (NP\_000339.2, 28 a.a. ~ 65 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

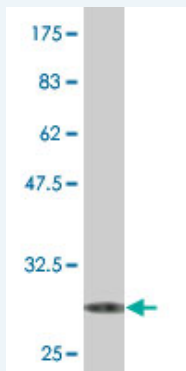
**Sequence:** AKPSGYGKHTESLKPAAATRLPARAAWFLQELPSFAVPA

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (29.81 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

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

### Publication Reference

- [Resistance training restores muscle sex steroid hormone steroidogenesis in older men.](#) Sato K, Iemitsu M, Matsutani K, Kurihara T, Hamaoka T, Fujita SFASEB J. 2014 Apr;28(4):1891-7. doi: 10.1096/fj.13-245480. Epub 2014 Jan 17.

### Applications

**Western Blot (Recombinant protein)**

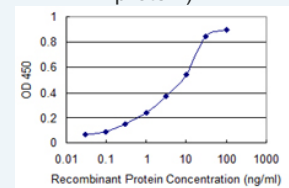
[Protocol Download](#)

**Sandwich ELISA (Recombinant protein)**

### Application Image

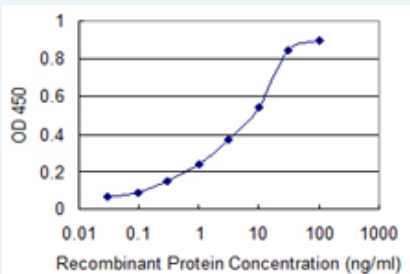
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Detection limit for recombinant GST tagged SRD5A2 is 0.03 ng/ml as a capture antibody.

 [Protocol Download](#)

## ELISA

### Gene Information

Entrez GeneID: [6716](#)

GeneBank [NM\\_000348](#)

Accession#:

Protein [NP\\_000339.2](#)

Accession#:

Gene Name: SRD5A2

Gene Alias: MGC138457

Gene Description: steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2)

Omim ID: [264600](#), [607306](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a microsomal protein expressed at high levels in androgen-sensitive tissues such as the prostate. The encoded protein is active at acidic pH and is sensitive to the 4-azasteroid inhibitor finasteride. Deficiencies in this gene can result in male pseudohermaphroditism, specifically pseudovaginal perineoscrotal hypospadias (PPSH). [provided by RefSeq]

**Other Designations:** 3-oxo-5 alpha-steroid 4-dehydrogenase 2,steroid 5-alpha-reductase 2

### Gene Pathway

[Androgen and estrogen metabolism](#) [Prostate cancer](#)

### Related Disease

[Adenocarcinoma](#) [Alopecia](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Asperger Syndrome](#) [Atherosclerosis](#) [Autistic Disorder](#) [Azoospermia](#) [Breast cancer](#) [Breast Neoplasms](#) [Cadaver](#) [Carcinoma](#) [Carcinoma, Hepatocellular](#) [Cardiovascular Diseases](#) [Cryptorchidism](#) [Diabetes Complications](#) [Diabetes Mellitus, Type 2](#) [Disease Progression](#) [Edema](#)

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