



# 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

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

Catalog # : H00002194-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

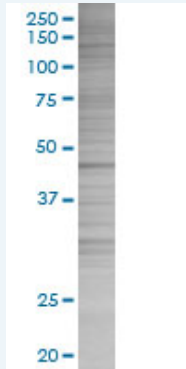
**Plasmid:** pCMV-FASN full-length

**Host:** Human

**Theoretical MW (kDa):** 48.4

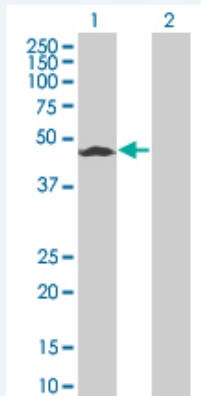
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-FASN antibody (H00002194-B01) by Western Blots.

#### SDS-PAGE Gel



FASN transfected lysate.

#### Western Blot



Lane 1: FASN transfected lysate ( 48.4 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: [2194](#)

GeneBank [BC007909.1](#)  
Accession#:

Protein =  
Accession#:

Gene Name: FASN

Gene Alias: FAS,MGC14367,MGC15706,OA-519,SDR27X1

Gene Description: fatty acid synthase

Omim ID: [600212](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha. [provided by RefSeq]

Other Designations: short chain dehydrogenase/reductase family 27X, member 1

### Gene Pathway

[Fatty acid biosynthesis](#) [Insulin signaling pathway](#) [Metabolic pathways](#)

### Related Disease

[Breast cancer](#) [Breast Neoplasms](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Hypercholesterolemia](#) [Insulin Resistance](#) [Kidney Failure, Chronic](#) [Obesity](#) [Obesity](#) [Prostatic Neoplasms](#) [Psychiatric Status Rating Scales](#) [Schizophrenia](#) [Weight Gain](#)

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