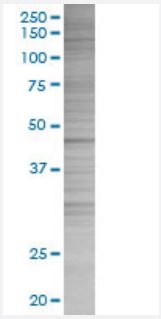
FASN 293T Cell Transient Overexpression Lysate(Denatured)

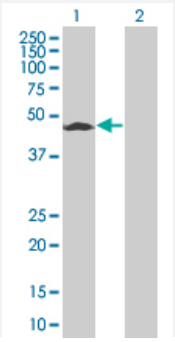
Catalog # H00002194-T01 Size 100 uL

Applications



SDS-PAGE Gel

FASN transfected lysate.



Western Blot

Lane 1: FASN transfected lysate (48.4 KDa)
Lane 2: Non-transfected lysate.

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.

Applications

- Western Blot

Gene Info — FASN

Entrez GeneID	2194
GeneBank Accession#	BC007909.1
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

Pathway

- Fatty acid biosynthesis
- Insulin signaling pathway
- Metabolic pathways

Disease

- Breast cancer
- Breast Neoplasms
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Insulin Resistance
- Kidney Failure
- Obesity
- Prostatic Neoplasms
- Psychiatric Status Rating Scales
- Schizophrenia
- Weight Gain