



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

Catalog # : H00004524-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

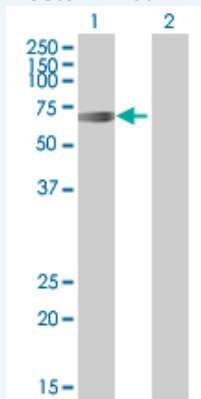
**Plasmid:** pCMV-MTHFR full-length

**Host:** Human

**Theoretical MW (kDa):** 72.27

**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-MTHFR antibody ([H00004524-B01](#)) by Western Blots.

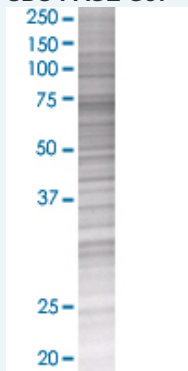
#### Western Blot



Lane 1: MTHFR transfected lysate ( 74.5 KDa)

Lane 2: Non-transfected lysate.

#### SDS-PAGE Gel



MTHFR 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

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [4524](#)

GeneBank [BC053509.1](#)  
Accession#:

Protein =  
Accession#:

Gene Name: MTHFR

Gene Alias: -

Gene Description: 5,10-methylenetetrahydrofolate reductase (NADPH)

Omim ID: [236250](#), [607093](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Methylenetetrahydrofolate reductase (EC 1.5.1.20) catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a cosubstrate for homocysteine remethylation to methionine.[supplied by OMIM]

Other Designations: OTTHUMP0000002367,OTTHUMP0000002368,methylenetetrahydrofolate reductase intermediate form

### Gene Pathway

Metabolic pathways [Methane metabolism](#) [One carbon pool by folate](#)

### Related Disease

[Abnormalities](#) [Abnormalities, Drug-Induced](#) [Abnormalities, Multiple Abortion, Habitual Abortion, Spontaneous Abruption Placentae](#) [Activated Protein C Resistance](#) [Acute Disease](#) [Acute Lung Injury](#) [Adenocarcinoma](#) [Adenoma](#) [Adenomatous Polyps](#) [Adrenoleukodystrophy](#) [Adrenoleukodystrophy](#) [Affective Disorders, Psychotic](#) [Albuminuria](#) [Alcohol Withdrawal](#) [Seizures](#) [Alcoholic Neuropathy](#) [Alcoholism](#)

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