



# 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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## FMO4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00002329-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

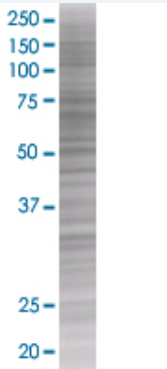
**Plasmid:** pCMV-FMO4 full-length

**Host:** Human

**Theoretical MW (kDa):** 61.49

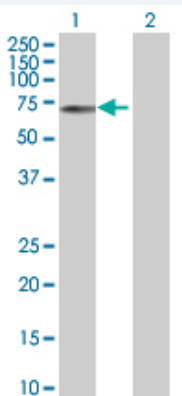
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-FMO4 antibody (H00002329-B01) by Western Blots.

#### SDS-PAGE Gel



FMO4 transfected lysate.

#### Western Blot



Lane 1: FMO4 transfected lysate ( 61.49 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: [2329](#)

GeneBank Accession#: [BC002780](#)

Protein Accession#: [AAH02780](#)

Gene Name: FMO4

Gene Alias: FMO2

Gene Description: flavin containing monooxygenase 4

Omim ID: [136131](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Metabolic N-oxidation of the diet-derived amino-trimethylamine (TMA) is mediated by flavin-containing monooxygenase and is subject to an inherited FMO3 polymorphism in man resulting in a small subpopulation with reduced TMA N-oxidation capacity resulting in fish odor syndrome Trimethylaminuria. Three forms of the enzyme, FMO1 found in fetal liver, FMO2 found in adult liver, and FMO3 are encoded by genes clustered in the 1q23-q25 region. Flavin-containing monooxygenases are NADPH-dependent flavoenzymes that catalyzes the oxidation of soft nucleophilic heteroatom centers in drugs, pesticides, and xenobiotics. [provided by RefSeq]

Other Designations: OTTHUMP00000033541,OTTHUMP00000060454

### Gene Pathway

[Drug metabolism - cytochrome P450](#)

### Related Disease

[Hearing Loss](#)