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Diagnostik & molekulare Diagnostik



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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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FMO5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00002330-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

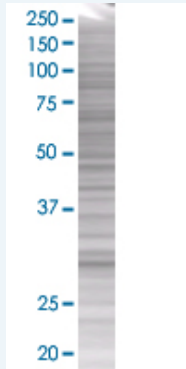
Plasmid: pCMV-FMO5 full-length

Host: Human

Theoretical MW (kDa): 31.46

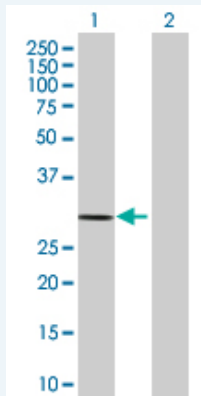
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-FMO5 antibody (H00002330-B01) by Western Blots.

SDS-PAGE Gel



FMO5 transfected lysate.

Western Blot



Lane 1: FMO5 transfected lysate (31.46 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [2330](#)

GeneBank Accession#: [BC035687.1](#)

Protein Accession#: -

Gene Name: FMO5

Gene Alias: -

Gene Description: flavin containing monooxygenase 5

Omim ID: [603957](#)

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. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations: OTTHUMP00000016306

Gene Pathway

[Drug metabolism - cytochrome P450](#)

Related Disease

[Hearing Loss](#) [Kidney Failure](#), [Chronic Tobacco Use Disorder](#)