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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FMO2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00002327-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

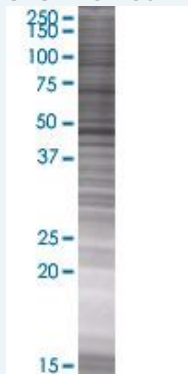
Plasmid: pCMV-FMO2 full-length

Host: Human

Theoretical MW (kDa): 53.6

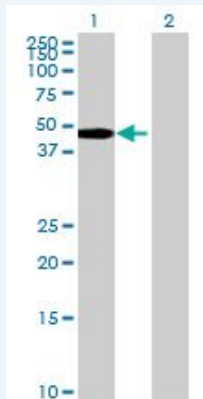
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-FMO2 antibody (H00002327-B01) by Western Blots.

SDS-PAGE Gel



FMO2 transfected lysate.

Western Blot



Lane 1: FMO2 transfected lysate (53.6 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: [2327](#)

GeneBank Accession#: [NM_001460](#)

Protein Accession#: [NP_001451](#)

Gene Name: FMO2

Gene Alias: FLJ40826,FMO1B1

Gene Description: flavin containing monooxygenase 2 (non-functional)

Omim ID: [603955](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The flavin-containing monooxygenases are NADPH-dependent enzymes that catalyze the oxidation of many drugs and xenobiotics. In most mammals, there is a flavin-containing monooxygenase that catalyzes the N-oxidation of some primary alkylamines through an N-hydroxylamine intermediate. However, in humans, this enzyme is truncated and is probably rapidly degraded. The protein encoded by this gene represents the truncated form and apparently has no catalytic activity. A functional allele found in African Americans has been reported, but no sequence evidence has been deposited to support the finding. This gene is found in a cluster with the FMO1, FMO3, and FMO4 genes on chromosome 1. [provided by RefSeq]

Other Designations: FMO, pulmonary,dimethylaniline monooxygenase [N-oxide-forming] 2,dimethylaniline oxidase 2,pulmonary flavin-containing monooxygenase 2

Gene Pathway

[Drug metabolism - cytochrome P450](#)

Related Disease

[Hearing Loss](#) [Kidney Failure, Chronic](#)