

Recombinant Human FMO1 lysate

Cat. No. FMO1-282HCL Lot. No. (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
Species	Human
Source	HEK293
Molecular Mass	63664.56Da
Recommended Usage	WB
Storage Instruction	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

GENE INFORMATION

Gene Name	FMO1 flavin containing monooxygenase 1 [Homo sapiens]
Official Symbol	FMO1
Synonyms	FMO1; flavin containing monooxygenase 1; dimethylaniline monooxygenase [N-oxide-forming] 1; FMO 1; dimethylaniline oxidase 1; Flavin-containing monooxygenase 1 (fetal liver); fetal hepatic flavin-containing monooxygenase 1;
Gene ID	2326

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mRNA Refseq	NM_002021
Protein Refseq	NP_002012
MIM	136130
UniProt ID	Q01740
Chromosome Location	1q24.3
Pathway	Biological oxidations, organism-specific biosystem; Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; FMO oxidizes nucleophiles, organism-specific biosystem; Metabolism, organism-specific biosystem; Phase 1 - Functionalization of compounds, organism-specific biosystem;
Function	N,N-dimethylaniline monooxygenase activity; N,N-dimethylaniline monooxygenase activity; NADP binding; flavin adenine dinucleotide binding; monooxygenase activity;

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