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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FMO1 (Human) Recombinant Protein (P01)

Catalog Number: H00002326-P01

Regulation Status: For research use only (RUO)

Product Description: Human FMO1 full-length ORF (AAH47129, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAKRVAIVGAGVSGGLASIKCCLEEGLEPTCFERSDDLGLWRFTEHVEEGRASLYKSVVSNSCKEMSCYSDFPFPEYDYPNYVPNSQFLEYLKMVYANHFLLKHQFKTKVCSVTKCSDSAVSGQWEVVTMHEEKQESAIFDAVMVCTGFLTNPYLPLDSFPGINAFKQYFHSRQYKHPDIFKDKRVLVIGMGNSGTDIAVEASHLAEKVFLSTGGGWVISRIFDSGYPWDVMVFMTRFQNMRLNSLPTPIVTWLMERKINLWLNHANYGLIPEDRTQLKEFVLNDELPGRIITGKVFIRPSIKEYKENSIVFNNTSKEEPIDIIVFATGYTFAFPFLDESVMKVEDGQASLYKYIFPAHLQKPTLAIIGLIKPLGSMIPTGETQARWAVRVLKGVNKLPPPSVMIEEINARKENKPSWFGLCYCKALQSDYITYIDELLYINAKPNLFSMLLTDPHLALTVFFGPCSPYQFRLTGPGKWEARNAIMTQWDRTFKVIKARVVQESPPFESFLKVFSLALLVAIFLIFL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.26

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2326

Gene Symbol: FMO1

Gene Alias: -

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]