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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FMO2 (Human) Recombinant Protein (P01)

Catalog Number: H00002327-P01

Regulation Status: For research use only (RUO)

Product Description: Human FMO2 full-length ORF (NP_001451.1, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAKKVAVIGAGVSGSLISKCCVDEGLEPTCFERTEDIG
GVWRFKENVEDGRASIYQSVVTNTSKEMSCFSDFPM
PEDFPNFLHNSKLLEYFRIFAKKFDLLKYIQFQTTVLSV
RKCPDFSSSGQWKVVTQSNQKEQSAVFDAMVCSG
HHILPHIPLKSFPGMERFKGQYFHSRQYKHPDGFEKG
RILVIGMGNSGSDIAVELSKNAAQVFISTRHGTWVMSR
ISEDGYPWDSVFHTRFRSMLRNVLPRRTAVKWMIEQQ
MNRWFNHENYGLEPQNKYIMKEPVLNDDVPSRLLCG
AIKVKSTVKELTETSAIFEDGTVEENIDVIIIFATGYSFSFP
FLEDLVKVENNMVSLYKYIFPAHLDKSTLACIGLIQPL
GSIFPTAELQARWVTRVFKGLCSLPSERTMMMDIIKRN
EKRIDLFGESQSQTQTNYVDYLDLELALEIGAKPDFCS
LLFKDPKLAVRLYFGPCNSY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80

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: 2327

Gene Symbol: FMO2

Gene Alias: FLJ40826, FMO1B1

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]