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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP4B1 (Human) Recombinant Protein (P01)

Catalog Number: H00001580-P01

Regulation Status: For research use only (RUO)

Product Description: Human CYP4B1 full-length ORF (AAH17758.1, 1 a.a. - 512 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVPSFSLSLSFSSLGLWASGLLVLGFLKLIHLLRRQTL
AKAMDKFPGPPTHWLFHGHLEIQETGSLDKVSWAH
QFPYAHPLWFGQFIGFLNIYEPDYAKAVYSRGDPKAP
DVYDFFLQWIGRGLLVLEGPKWLRKLLTPGFHYDV
LKPYVAVFTESTRIMLDKWEKAREGKSDFICDVGH
MALNTLMKCTFGRGDTGLGHSRDSYLLAVSDLTLLM
QQRLVSFQYHNDFIYWLTPHGRRFLRACQVAHDHTD
QVIRERKAALQDEKVRKKIQNRRHLDLFDILLGARDED
DIKLSADLRAEVDTFMFEGHDTTSGISWFLYCMALY
PEHQHRCREEVREILGDQDFQWDDL GKMTYLTMCIK
ESFRLYPPVPQVYRQLSKPVTFVDGRSLPAGSLISMHI
YALHRNSAVWPDPEVFDLRFSTENASKRHPFAFMPF
SAGPRNCIGQQFAMSEMKVVTAMCLLRFESLDP SRL
PIKMPQLVLRKNGFHLHLKPLGPGSGK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 82.06

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: 1580

Gene Symbol: CYP4B1

Gene Alias: CYP1B1, P-450HP

Gene Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. Two transcript variants encoding slightly different isoforms have been found for this gene. [provided by RefSeq]