



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

Datasheet

CYP2E1 (Human) Recombinant Protein (P01)

Catalog Number: H00001571-P01

Regulation Status: For research use only (RUO)

Product Description: Human CYP2E1 full-length ORF (NP_000764.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSALGVTVALLVWAAFLLLVS MWRQVHSSWNLPPGP
FPLPIIGNLFQLELKNIPKSFTRLAQRFGPVFTLYVGSQ
RMVVMHGYKAVKEALLDYKDEFSGR GDLPAFHAHRD
RGIIFNNGPTWKDIRRFSLTTLRNYGMGKQGNESRIQR
EAHFLLEALRKTQGQPFDP TFLIGCAPCNVIADILFRKH
FDYNDEKFLRLMYLFNENF HLLSTPWLQLYNNFPSFLH
YLPGSHRKVIKNVAEVKEYV SERVKEHHQSLDPNCP
DLTDCLLVEMEKEKHS AERLYTMDGITVTVADLFFAGT
ETTSTTLRYGLLILMKY PEIEEKLHEEIDRVIGPSRIPAIK
DRQEMPYMDAVVHEIQRFITL VPSNLPHEATRD TIFRG
YLIPKGTVVVPTLDSVLYDNQ EFPDPEKFKPEHFLNEN
GKFYSDYFKPFSTGKRVC AGEGLARMEFLLLCAILQ
HFNLKPLVDPKDIDLSP IHIGFGCIPPRYKLCVIPRS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 83.2

Interspecies Antigen Sequence: Mouse (78)

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: 1571

Gene Symbol: CYP2E1

Gene Alias: CPE1, CYP2E, P450-J, P450C2E

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 and is induced by ethanol, the diabetic state, and starvation. The enzyme metabolizes both endogenous substrates, such as ethanol, acetone, and acetal, as well as exogenous substrates including benzene, carbon tetrachloride, ethylene glycol, and nitrosamines which are premutagens found in cigarette smoke. Due to its many substrates, this enzyme may be involved in such varied processes as gluconeogenesis, hepatic cirrhosis, diabetes, and cancer. [provided by RefSeq]