



# 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

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## Datasheet

### CYP2B6 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001555-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CYP2B6 full-length ORF (AAH67431.1, 1 a.a. - 491 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MELSVLLFLALLTGLLLLLVQRHPNTHDRLPPGPRPLPL  
LGNLLQMDRRGLLKSFLRFREKYGDVFTVHLGPRPVV  
MLCGVEAIREALVDKAEAFSGRGKIAMVDPFFRGYGVV  
FANGNRWKVLRFRSVTMTMRDFGMGKRSVEERIQEEA  
QCLIEELRKSFGALMDPTFLFQSITANIICSIVFGKRFHY  
QDQEFKMLNLFYQTFSLISSVFGQLFELFSGFLTYFP  
GAHRQVYKNLQEIINAYIGHSVEKHRETLDPSAPKDLID  
TYLLHMEEEKSNAHSEFSHQNLNLNTLSLFFAGTETTS  
TTLRYGFLMLKYPHVAERYREIEQVIGPHRPPPELHD  
RAKMPYTEAVIYEIQRFSDLLPMGVPHIVTQHTSFRGYI  
IPKDTEVFLILSTALHDPHYFEKPDFAFNPDPHFLDANGAL  
KKTEAFIPFSLGKRICLGEGIARAELFFFTTILQNFMSA  
SPVAPEDIDLTPQECGVGKIPPTYQIRFLPR

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 82.7

**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:** 1555

**Gene Symbol:** CYP2B6

**Gene Alias:** CPB6, CYP2B, CYP2B6, IIB1, P450

**Gene Summary:** This gene, CYP2B6, 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 its expression is induced by phenobarbital. The enzyme is known to metabolize some xenobiotics, such as the anti-cancer drugs cyclophosphamide and ifosfamide. Transcript variants for this gene have been described; however, it has not been resolved whether these transcripts are in fact produced by this gene or by a closely related pseudogene, CYP2B7. Both the gene and the pseudogene are located in the middle of a CYP2A pseudogene found in a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq]