



# 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

### CYP39A1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00051302-P01

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

**Product Description:** Human CYP39A1 full-length ORF (AAH10358, 1 a.a. - 469 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MELISPTVIIIIGCLALFLLLQPKNLRPPCIKGWIPWIGV  
GFEEFGKAPLEFIEKARIKYGPIFTVFAMGNRMTFVTEEE  
GINVFLKSKKVDLAVQNIYVRTASIPKNVFLALHEKL  
YIMLKGMGTVNLHQFTGQLTEELHEQLENLGHGTM  
DLNNLVRHLLYPVTVNMLFNKSLFSTNKKKIKEFHQYF  
QVYDEDFEYGSQ LPECLLRNWSKSKKWFLELFEKNIP  
DIKACKSAKDNSMTLLQATLDIVETETSKENSPNYGLLL  
LWASLSNAVPVAFWTLAHLVLSHPDIHKAIMEGISSVFG  
KAGDKIKVSEDDLENLLIKWCVLETIRLKAPGVITRK  
VVKPVEILNYIIPSGDLLMLSPFWLHRNPKYFPEPELKF  
PERWKKANLEKHSFLDCFMAFGSGKFQCPARWFALL  
EVQMCIIILYKYDCSLLDPLPKQSYLHLVGVQPPEGQ  
CRIEYKQRI

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

**Theoretical MW (kDa):** 77.33

**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:** 51302

**Gene Symbol:** CYP39A1

**Gene Alias:** -

**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 endoplasmic reticulum protein is involved in the conversion of cholesterol to bile acids. Its substrates include the oxysterols 25-hydroxycholesterol, 27-hydroxycholesterol and 24-hydroxycholesterol. [provided by RefSeq]