



# 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

### NR1I3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00009970-P01

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

**Product Description:** Human NR1I3 full-length ORF ( NP\_001070948.1, 1 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MASREDELNRNCVVC GDQATGYHFNALTCEGCKGFFR  
RTVSKSIGPTCPFAGSCEVSKTQRRHCPACRLQKCLD  
AGMRKDMILSAEALALRRAKQAQRAQTTPVQLSKE  
QEELIRTLGHAHTRHMGTMFEQFVQFRPPAHLFIHHQP  
LPTLAPVLPVTHFADINTFMVLQVIKFTKDLPVFRSLPI  
EDQISLLKGAAVEICHIVLNTTFCLQTQNFLCGPLRYTIE  
DGARVSPVGFQVEFLELLFHFGTLRKLQEQEPEYVL  
LAAMALFSPDRPGVTQRDEIDQLQEEMALTLQSYIKG  
QRRRPRDRFLYAKLLGLLAELRSINEAYGYQIQHIQGL  
SAMMPLLQEICS

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

**Theoretical MW (kDa):** 66.3

**Interspecies Antigen Sequence:** Mouse (73); Rat (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:** 9970

**Gene Symbol:** NR1I3

**Gene Alias:** CAR, CAR1, MB67, MGC150433, MGC97144, MGC97209

**Gene Summary:** This gene encodes a member of the nuclear receptor superfamily, and is a key regulator of xenobiotic and endobiotic metabolism. The protein binds to DNA as a monomer or a heterodimer with the retinoid X receptor and regulates the transcription of target genes involved in drug metabolism and bilirubin clearance, such as cytochrome P450 family members. Unlike most nuclear receptors, this transcriptional regulator is constitutively active in the absence of ligand but is regulated by both agonists and inverse agonists. Ligand binding results in translocation of this protein to the nucleus, where it activates or represses target gene transcription. These ligands include bilirubin, a variety of foreign compounds, steroid hormones, and prescription drugs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]