



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### SLC16A1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006566-P01

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

**Product Description:** Human SLC16A1 full-length ORF ( P53985, 1 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MPPAVGGPVGYPDPDGGWGWA VVIGAFISIGFSYAFP  
KSITVFFKEIEGIFHATTSEVSWISSIMLAVMYGGPISS  
ILVNKYGSRIVMIVGGCLSGCLIAASFCNTVQQLYVCI  
GVIGGLGLAFNLPALTMIGKYFYKRRPLANGLAMAGS  
PVFLCTLAPLNQVFFGIFGWRGSFLILGLLLLNCCVAG  
ALMRPIGPKPTKAGKDKSKASLEKAGKSGVKKDLHDA  
NTDLIGRHPKQEKRSVFQTNQFLDLTLFTHRGFLLYLS  
GNVIMFFGLFAPLVFLSSYGKSQHYSSSEKSAFLLSILAF  
VDMVARPSMGLVANTKPIRPRIQYFFAASVVANGVCH  
MLAPLSTTYVGFVYAGFFGFAGWLSSVLFETLMDL  
VGPQRFSSAVGLVTIVECCPVLLGPPLLGRINDMYGD  
YKYTYWACGVVLIISGIYLFIMGINYRLLAKEQKANEQ  
KKESKEEETSIDVAGKPNEVTKAAESPDQKDTEGGPK  
EEESPV

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

**Theoretical MW (kDa):** 80.4

**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:** 6566

**Gene Symbol:** SLC16A1

**Gene Alias:** FLJ36745, HHF7, MCT, MCT1, MGC44475

**Gene Summary:** The SLC16A1 gene encodes a monocarboxylate transporter (MCT1) that mediates the movement of lactate and pyruvate across cell membranes. Import and export of these substrates by tissues such as erythrocytes, muscle, intestine, and kidney are ascribed largely to the action of a proton-coupled MCT (Garcia et al., 1994 [PubMed 8124722]).[supplied by OMIM]