



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### SLC6A3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006531-P01

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

**Product Description:** Human SLC6A3 full-length ORF ( NP\_001035.1, 1 a.a. - 620 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSKSKCSVGLMSSVVAKEPNAVGPKEVELILVKEQ  
NGVQLTSSTLTNPRQSPVEAQDRETWGKKIDFLLSVIG  
FAVDLANVWRFPYLCYKNGGGAFLVPYLLFMVIAGMP  
LFYMELALGQFNREGAAGVVKICPILKGVGFTVILISLY  
VGFFYNVIAWALHYLFSSFTTELPWIHCNNSWNSPNC  
SDAHPGDSSGDSSGLNDTFGTTPAAEYFERGVLHLH  
QSHGIDDLGPPRWQLTACLVLVIVLLYFSLWKGVKTS  
KVVWITATMPYVVLTAALLRGVTLPGAIDGIRAYLSVDF  
YRLCEASVWIDAATQVCFSLGVGFGVLIASFSSYNKFTN  
NCYRDAIVTTSINSLTSFSSGFVVSFLGYMAQKHSVPI  
GDVAKDGPGLIFIIYPEAIATLPLSSAWAVVFFIMLLTLGI  
DSAMGGMESVITGLIDEFQLLHRHRELFTLFIVLATFLL  
SLFCVTNGGIYVFTLLDHFAAGTSILFGVLIEAIGVAWFY  
GVGQFSDDIQMTGQRPSLYWRLCWKLVSFCFLLFV  
VVVSIVTFRPPHYGAYIFPDWANALGWVIATSSMAMVP  
IYAAKFCSLPGSFREKLAYIAPEKDRELVDGRGEVRQ  
FTLRHWLKV

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

**Theoretical MW (kDa):** 94.9

**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:** 6531

**Gene Symbol:** SLC6A3

**Gene Alias:** DAT, DAT1

**Gene Summary:** The dopamine transporter (DAT1) mediates the active reuptake of dopamine from the synapse and is a principal regulator of dopaminergic neurotransmission. The DAT1 gene has been implicated in human disorders such as parkinsonism, Tourette syndrome, and substance abuse (Vandenberg et al., 1992 [PubMed 1359373]).[supplied by OMIM]