



# 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

### SLC3A2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006520-P01

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

**Product Description:** Human SLC3A2 full-length ORF ( NP\_001013269.1, 1 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSQDTEVDMKEVELNELEPEKQPMNAASGAAMSLAG  
AEKNGLVKIKVAEDEAEAAAAAKFTGLSKEELLKVAGS  
PGWVRTRWALLLLFWLWLGMLAGAVVIIVRAPRCRE  
LPAQKWWHTGALYRIGDLQAFQGHGAGNLAGLKGRL  
DYLSSLKVKGLVLGPIHKNQKDDVAQTDLLQIDPNFGS  
KEDFDSLLQSAKKKSIRVILDTPNYRGENSWFSTQVD  
TVATKVKDALEFWLQAGVDGFQVRDIENLKDASSFLA  
EQQNITKGFSEDRLLIAGTNSSDLQILSLESNKDLLL  
TSSYLSDSGSTGEHTKSLVTQYLNATGNRWCSWSLS  
QARLLTSFLPAQLLRLYQLMLFTLPGTPVFSYGDEIGL  
DAAALPGQPMEAPVMLWDESSFPDIPGAVSANMTVK  
GQSEDPGSLLSLFRRLSDQRSKERSLLHGDFHAFSAG  
PGLFSYIRHWDQNERFLVVLNFGDVGLSAGLQASDLP  
ASASLPAKADLLLSTQPGREEGSPLELERLKLEPHEGL  
LLRFPYAA

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

**Theoretical MW (kDa):** 84.3

**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:** 6520

**Gene Symbol:** SLC3A2

**Gene Alias:** 4F2, 4F2HC, 4T2HC, CD98, CD98HC, MDU1, NACAE

**Gene Summary:** This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein with an alpha amylase domain. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. It associates with integrins and mediates integrin-dependent signaling related to normal cell growth and tumorigenesis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]