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Lieferung & Zahlungsart

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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

www.szabo-scandic.com

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



Datasheet

SLC18A2 (Human) Recombinant Protein (Q01)

Catalog Number: H00006571-Q01

Regulation Status: For research use only (RUO)

Product Description: Human SLC18A2 partial ORF (NP_003045, 53 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

HEKNATEIQTARPVHTASISDSFQSIFSYYDNSTMVTG
NATRDLTLLHQTATQHMTNASAVPSDCPSEDKDLLNE
NVQVGLLFASKATVQLITNPFIGL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.63

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: 6571

Gene Symbol: SLC18A2

Gene Alias: MGC120477, MGC120478, MGC26538, SVAT, SVMT, VAT2, VMAT2

Gene Summary: The vesicular monoamine transporter acts to accumulate cytosolic monoamines into synaptic vesicles, using the proton gradient maintained across the synaptic vesicular membrane. Its proper function is

essential to the correct activity of the monoaminergic systems that have been implicated in several human neuropsychiatric disorders. The transporter is a site of action of important drugs, including reserpine and tetrabenazine (Peter et al., 1993 [PubMed 7905859]). See also SLC18A1 (MIM 193002).[supplied by OMIM]