



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

www.szabo-scandic.com

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

Datasheet

SLC19A1 (Human) Recombinant Protein (P01)

Catalog Number: H00006573-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC19A1 full-length ORF (AAH03068.1, 1 a.a. - 489 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVPSSPAVEKQVPVEPGDPPELRSWRRLLVCYLCFYG
FMAQIRPGESFITPYLLGPDKNFTREQVTNEITPVLSYS
YLAVLVPVFLLDYLRYPVLLQGLSFVSVWLLLLLGH
SVAHMQLMELFYSVTMAARIAYSSYIFSLVRPARYQRV
AGYSRAAVLLGVFTSSVLGQLLVTVGRVVSFSTLNYISL
AFLTFSVVLALFLKRPKRSLFFNRDDRGRCETSASELE
RMNPGPGGKLGHALRVACGDSVLARMLRELGDSLRR
PQLRLWLSLWWVFNSAGYYLVVYVHILWNEVDPTTN
SARVYNGAADAASLLGAITSFAAGFVKIRWARWSKLL
IAGVTATQAGLVFLLAHTRHPSSIWLCYAAFVLFGRSY
QFLVPIATFQIASSLSKELCALVFGVNTFFATIVKTIITFIV
SDVRGLGLPVRKQNEELHVASLSLWKSHLRLAADTLS
SEGSSGSGPRSWFLSPTLRAALHGPVCPSEVCPS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80.7

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: 6573

Gene Symbol: SLC19A1

Gene Alias: CHMD, FOLT, IFC1, REFC, RFC1

Gene Summary: Transport of folate compounds into mammalian cells can occur via receptor-mediated (see MIM 136430) or carrier-mediated mechanisms. A functional coordination between these 2 mechanisms has been proposed to be the method of folate uptake in certain cell types. Methotrexate (MTX) is an antifolate chemotherapeutic agent that is actively transported by the carrier-mediated uptake system. RFC1 plays a role in maintaining intracellular concentrations of folate.[supplied by OMIM]