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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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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
SVAHMLMELFYSVTMAARIAYSSYIFSLVRPARYQRV
AGYSRAAVLLGVFTSSVLGQLLVTVGRVSFSTLNYISL
AFLTFSVVLALFLKRPKRSLFFNRDDRGRGCETSASELE
RMNPGPGGKLGHALRVACGDSVLARMLRELGDSLRR
PQLRLWLSLWVFNNSAGYYLVVYVHILWNEVDPTTN
SARVYNGAADAASLLGAITSFAAGFVKIRWARWSKLL
IAGVTATQAGLVFLLAHTRHPSSIWLCYAAFVLFGRSY
QFLVPIATFQIASSLSKELCALVFGVNTFFATIVKTIITFIV
SDVRGLGLPVRKQNEELHVASLSLWKSHLRLAADTLS
SEGSSGSGPRSWFLSPTLRAALHGPVCPSEVCPS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80.7

Interspecies Antigen Sequence: Mouse (69); Rat (69)

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]