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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC22A2 (Human) Recombinant Protein (P01)

Catalog Number: H00006582-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC22A2 full-length ORF (NP_003049.1, 1 a.a. - 555 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPTTVDDVLEHGGEFFHQKQMFLLALLSATFAPIYV
GIVFLGFTPDRHRCRSPGVAELSLRCGWSPAEEELNYTV
PGPGPAGEASPRQCRRYEVDWNQSTFDCVDPLASLD
TNRSLPLGPCRDGWVYETPGSSIVTEFNLCANSW
MLDLFQSSVNVGFFIGSMSIGYIADRFGRKLCLLTTVLI
NAAAGVLMASPTYTWMLIFRLIQGLVSKAGWLIYILIT
EFVGRRYRRTVGIFYQVAYTVGLLVLAGVAYALPHWR
WLQFTVALPNFFFLYYWCIPESPRWLISQNKNAEAM
RIIKHIAKNGKSLPASLQRLRLEEETGKKLNPSFLDLV
RTPQIRKHTMILMYNWFTSSVLYQGLIMHMGLAGDNIY
LDFFYSALVEFPAAFMIILTIDRIGRRYPWAASNMVAGA
ACLASVFIPGDLQWLKIIISCLGRMGITMAYEIVCLVNAE
LYPTFIRNLGVHICSSMCDIGGIITPFLVYRLTNIWLELPL
MVFGLVGLVAGGLVLLLPEKTKGKALPETIEEAENMQRP
RKNKEKMIYLQVQKLDIPLN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 89

Interspecies Antigen Sequence: Mouse (84); Rat (82)

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: 6582

Gene Symbol: SLC22A2

Gene Alias: MGC32628, OCT2

Gene Summary: Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. It is found primarily in the kidney, where it may mediate the first step in cation reabsorption. [provided by RefSeq]