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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC16A1 (Human) Recombinant Protein (P01)

Catalog Number: H00006566-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC16A1 full-length ORF (P53985, 1 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPPAVGGPVGYPDPDGGWGWAUVVIGAFISIGFSYAFP
KSITVFFKEIEGIFHATTSEVSWISSIMLAVMYGGGPISS
ILVNKYGSRIVMIVGGCLSGCLIAAFCNTVQQLYVCI
GVIGGLGLAFNLNPALTMIGKYFYKRRPLANGLAMAGS
PVFLCTLAPLNQVFFGIFGWRGSFLILGGLLLNCCVAG
ALMRPIGPKPTKAGKDKSKASLEKAGKSGVKDLHDA
NTDLIGRHPKQEKRSVFQTNQFLDLTLFTHRGFLLYLS
GNVIMFFGLFAPLVFLSSYGKSQHYSSSEKSAFLLSILAF
VDMVARPSMGLVANTKPIRPRIQYFFAASVVANGVCH
MLAPLSTTYVGFCVYAGFFGFAFGWLSSVLFETLMDL
VGPQRFSSAVGLVTIVECCPVLLGPPLLGRINDMYGD
YKYTYWACGVVLIISGIYLFIMGINYRLLAKEQKANEQ
KKESKEEETSIDVAGKPNEVTAAESPDQKDTEGGPK
EEESPV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80.4

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: 6566

Gene Symbol: SLC16A1

Gene Alias: FLJ36745, HHF7, MCT, MCT1, MGC44475

Gene Summary: The SLC16A1 gene encodes a monocarboxylate transporter (MCT1) that mediates the movement of lactate and pyruvate across cell membranes. Import and export of these substrates by tissues such as erythrocytes, muscle, intestine, and kidney are ascribed largely to the action of a proton-coupled MCT (Garcia et al., 1994 [PubMed 8124722]).[supplied by OMIM]