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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC2A4 (Human) Recombinant Protein (P01)

Catalog Number: H00006517-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC2A4 full-length ORF (NP_001033.1, 1 a.a. - 509 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPSGFQQIGSEEDGEPPQQRVTGTLVLAVFSAVLGSLQ
FGYNIGVINAPQKVIEQSYNETWLGRQGPEGPSSIPPG
TLTTLWALSVAIFSVGGMISSFLIGIISQWLGRKRAMLV
NNVLAVLGGSLMGLANAAASYEMLILGRFLIGAYSGLT
SGLVPMYVGEIAPTHLRGALGTLNQLAIVIGILIAQVLGL
ESLLGTASLWPLLLGLTVLPALLQLVLLPFCPESPRYLY
IIQNLEGPARKSLKRLTGWADVSGVLAELKDEKRKLER
ERPLSLLQLLGSRTHRQPLIIAVVLQLSQQLSGINAVFY
YSTSIFETAGVGQPAYATIGAGVVNTVFTLVSVLLVERA
GRRTLHLLGLAGMCGCAILMTVALLLLERVPAmsYVSI
VAIFGFVAFFEIGPGPIWFIVAELFSQGPRPAAMAVAG
FSNWTSNFIIGMGFQYVAEAMGPYVFLFAVLLLGFFIF
TFLRVPETRGRTFDQISAAFHRTPSLLEQEVKPSLELE
YLGPDEND

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 81.2

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: 6517

Gene Symbol: SLC2A4

Gene Alias: GLUT4

Gene Summary: This gene is a member of the solute carrier family 2 (facilitated glucose transporter) family and encodes a protein that functions as an insulin-regulated facilitative glucose transporter. In the absence of insulin, this integral membrane protein is sequestered within the cells of muscle and adipose tissue. Within minutes of insulin stimulation, the protein moves to the cell surface and begins to transport glucose across the cell membrane. Mutations in this gene have been associated with noninsulin-dependent diabetes mellitus (NIDDM). [provided by RefSeq]