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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC1A2 (Human) Recombinant Protein (P01)

Catalog Number: H00006506-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC1A2 full-length ORF (NP_004162.2, 1 a.a. - 574 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MASTEGANNMPKQVEVRMHDSLHGSEEPKHRHLGLR
LCDKLGKNLLLLTLTVFGVILGAVCGLLRLASPIHPDVV
MLIAFPGDILMRMLKMLIPLIISSLITGLSGLDAKASGRL
GTRAMVYYMSTTIIAAVLGVILVLAIHGPNPKLKKQLGP
GKKNDEVSSLDADFLLIRNLPENLVQACFQQIQTGTK
KVLVAPPPDEEANATSAVVSLNETVTEVPEETKMVIK
KGLEFKDGMNVLGLIGFFIAFGIAMGKMGDQAKLMVD
FFNILNEIVMKLVIMIMWYSPLGIACLICGKIIAIDLEVVA
RQLGMYMVTVIIGLIHGGIFLPLIYFVVTRKNPFSFFAGI
FQAWITALGTASSAGTLPVTFRCLEENLGIDKRVTFRV
LPVGATINMDGTALYEAVAAIFIAQMNGVVLDDGGQIVT
VSLTATLASVGAASIPSAGLVTMILLITAVGLPTEDISLL
VAVDWLLDRMRTSVNVVGDSEFGAGIVYHLSKSELDTI
DSQHRVHEDIEMTKTQSIYDDMKNHRESNSNQCXYAA
HNSVIVDECKVTLAANGKSADCSVEEEPWKREK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 88.5

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: 6506

Gene Symbol: SLC1A2

Gene Alias: EAAT2, GLT-1

Gene Summary: This gene encodes a member of a family of solute transporter proteins. The membrane-bound protein is the principal transporter that clears the excitatory neurotransmitter glutamate from the extracellular space at synapses in the central nervous system. Glutamate clearance is necessary for proper synaptic activation and to prevent neuronal damage from excessive activation of glutamate receptors. Mutations in and decreased expression of this protein are associated with amyotrophic lateral sclerosis. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq]