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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC1A3 (Human) Recombinant Protein (P01)

Catalog Number: H00006507-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC1A3 full-length ORF (AAH37310, 1 a.a. - 542 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTKSNGEETPKMGGRMERFQQGVSKRTLLAKKKVQNI
TKEDVKSYLFRNAFVLLTAVIVGTILGFTLRPYRMSY
REVKYFSFPGELLMRMLQMLVPLISSLVTGMAALDS
KASGKMGMRVVVYMTTIIAVVIGIIIVIIIHPGKGTKEN
MHREGKIVRVTAADAFLDLIRNMFPNLEACFKQFKT
NYEKRSFKVPIQANETLVGAVINNVSEAMETLRITEEL
VPVPGSVNGVNALGLVVFVSMCFGVIGNMKEQQGAL
REFFDSLNEAIMRLVAVIMWYAPVGIPLIAGKIVEMED
MGVIGGQLAMYTVTIVIGLLIHAVIVLPLLYFLVTRKNP
WVFIGLLQALITALGTSSSSATLPITFKCLEENNGVDK
RVTRFVLPVGATINMDGTALYEALAAIFIAQVNNFELNF
GQIITISITATAASIGAAGIPQAGLVTMVIVLTSVGLPTDD
ITLIIAVDWFLDRLRRTTNVLDGSLGAGIVEHLSRHELK
NRDVEMGNSVIEENEMKKPYQLIAQDNETEKPIDSETK
M

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 85.36

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: 6507

Gene Symbol: SLC1A3

Gene Alias: EA6, EAAT1, FLJ25094, GLAST, GLAST1

Gene Summary: Glutamate and aspartate are excitatory neurotransmitters that have been implicated in a number of pathologic states of the nervous system. Accumulation of extracellular excitatory amino acids can be cytotoxic and may also lower the seizure threshold in epilepsy. EAAT1 (SLC1A3) is a member of a family of high-affinity sodium-dependent transporter molecules that regulate neurotransmitter concentrations at the excitatory glutamatergic synapses of the mammalian central nervous system (Kirschner et al., 1994 [PubMed 8001975]).[supplied by OMIM]