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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC17A7 (Human) Recombinant Protein (P01)

Catalog Number: H00057030-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC17A7 full-length ORF (AAH59379.1, 1 a.a. - 560 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEFRQEEFRKLAGRALGKLRHLLLEKRQEGAETLELSA
DGRPVTTQTRDPPVVDCTCFGLPRRYIIAIMSGLGFCIS
FGIRCNLGVAIVSMVNNSTTHRGGHVVVQKAQFSWDP
ETVGLIHGSFFWGYIVTQIPGGFICQKFAANRVFGFAIV
ATSTLNLIPSAARVHYGCVIFVRILQGLVEGVITYPACH
GIWSKWAPPLERSRLATTAFCGSYAGAVVAMPLAGVL
VQYSGWSSVFYVYGSFGIFWYLFWLLVSYESPALHPS
ISEEERKYIEDAIGESAKLMNPLTKFSTPWRRFFTSMP
VYAIIVANFCRSWTFYLLISQPAYFEEVFGFEISKVGLV
SALPHLVMTIIVPIGGQIADFLRSRRIMSTTNVRKLMNC
GGFGMEATLLLVVGYSHSKGVAISFLVLAVGFSGFAIS
GFNVNHLDIARRYASILMGISNGVGTLSGMVCPPIVGA
MTKHKKTREEWQYVFLIASLVHYGGVIFYGVFASGEKQ
PWAPEEMSEEKCGFVGHDLQLAGSDDSEMEDEAEP
PGAPPAPPPSYGATHSTFQPPRPPPPVRDY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 88.1

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: 57030

Gene Symbol: SLC17A7

Gene Alias: BNPI, VGLUT1

Gene Summary: The protein encoded by this gene is a vesicle-bound, sodium-dependent phosphate transporter that is specifically expressed in the neuron-rich regions of the brain. It is preferentially associated with the membranes of synaptic vesicles and functions in glutamate transport. The protein shares 82% identity with the differentiation-associated Na-dependent inorganic phosphate cotransporter and they appear to form a distinct class within the Na⁺/Pi cotransporter family. [provided by RefSeq]