10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

(DANRE) slc17a6a Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20828c

Specification

(DANRE) slc17a6a Blocking Peptide (C-term) - Product Information

Primary Accession Q5W8I7

(DANRE) slc17a6a Blocking Peptide (C-term) - Additional Information

Gene ID 494492

Other Names
Vesicular glutamate transporter 22, Solute carrier family 17 member 6-A, Vesicular glutamate transporter 2-B, slc17a6a, slc17a6l, vglut22, vglut2b

Target/Specificity
The synthetic peptide sequence is selected from aa 574-587 of HUMAN slc17a6a

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

(DANRE) slc17a6a Blocking Peptide (C-term) - Protein Information

Name slc17a6a

Synonyms slc17a6l, vglut2.2, vglut2b

Function
Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve

(DANRE) slc17a6a Blocking Peptide (C-term) - Background

Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells (By similarity).

(DANRE) slc17a6a Blocking Peptide (C-term) - References

Higashijima S.,et al.J. Comp. Neurol. 480:1-18(2004).
Yokogawa T.,et al.PLoS Biol. 5:E277-E277(2007).

terminals of excitatory neural cells.

Cellular Location
Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane. Membrane; Multi-pass membrane protein. Cell junction, synapse, synaptosome

Tissue Location
Expressed in spinal chord.

(DANRE) slc17a6a Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides