

SV2C Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20824c**Specification**

SV2C Blocking Peptide (C-term) - Product InformationPrimary Accession [Q496J9](#)**SV2C Blocking Peptide (C-term) - Additional Information****Gene ID** 22987**Other Names**

Synaptic vesicle glycoprotein 2C, SV2C, KIAA1054

Target/Specificity

The synthetic peptide sequence is selected from aa 547-560 of HUMAN SV2C

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.

SV2C Blocking Peptide (C-term) - Protein Information**Name** SV2C**Synonyms** KIAA1054**Function**

Plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles.

Cellular Location

Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane {ECO:0000250|UniProtKB:Q9Z2I6}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9Z2I6}. Note=Enriched in small synaptic vesicles and adrenal microsomes, not present in chromaffin granules Associated with both insulin granules and synaptic-like microvesicles in insulin-secreting cells of the pancreas {ECO:0000250|UniProtKB:Q9Z2I6}

SV2C Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

SV2C Blocking Peptide (C-term) - Images

SV2C Blocking Peptide (C-term) - Background

Plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles (By similarity).

SV2C Blocking Peptide (C-term) - References

Kikuno R., et al. DNA Res. 6:197-205(1999).