

SYUB Blocking Peptide (Center)
Synthetic peptide
Catalog # BP11968c**Specification****SYUB Blocking Peptide (Center) - Product Information**

Primary Accession [Q16143](#)
Other Accession [NP_003076](#)

SYUB Blocking Peptide (Center) - Additional Information

Gene ID 6620

Other Names

Beta-synuclein, SNCB

Target/Specificity

The synthetic peptide sequence is selected from aa 85-97 of HUMAN SNCB

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.

SYUB Blocking Peptide (Center) - Protein Information

Name SNCB

Function

Non-amyloid component of senile plaques found in Alzheimer disease. Could act as a regulator of SNCA aggregation process. Protects neurons from staurosporine and 6-hydroxy dopamine (6OHDA)-stimulated caspase activation in a

SYUB Blocking Peptide (Center) - Background

The protein encoded by this gene is highly homologous to alpha-synuclein. These proteins are abundantly expressed in the brain and putatively inhibit phospholipase D2 selectively. The encoded protein, which may play a role in neuronal plasticity, is abundant in neurofibrillary lesions of patients with Alzheimer disease. This protein has been shown to be highly expressed in the substantia nigra of the brain, a region of neuronal degeneration in patients with Parkinson disease; however, no direct relation to Parkinson disease has been established. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].

SYUB Blocking Peptide (Center) - References

Nishioka, K., et al. Arch. Neurol. 67(8):970-975(2010)
Ye, Q., et al. Oncol. Rep. 23(2):429-436(2010)
Rivers, R.C., et al. Protein Sci. 17(5):887-898(2008)
Salem, S.A., et al. Brain Res. 1170, 103-111 (2007) :
Lee, J., et al. Protein Pept. Lett. 14(10):1021-1026(2007)

p53/TP53-dependent manner. Contributes to restore the SNCA anti-apoptotic function abolished by 6OHDA. Not found in the Lewy bodies associated with Parkinson disease.

Cellular Location

Cytoplasm.

Tissue Location

Expressed predominantly in brain;
concentrated in presynaptic nerve terminals

**SYUB Blocking Peptide (Center) -
Protocols**

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

- [Blocking Peptides](#)