

SPTBN1 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21995b

Specification

SPTBN1 Blocking Peptide (C-Term) - Product Information

Primary Accession [Q01082](#)
Other Accession [Q62261](#)

SPTBN1 Blocking Peptide (C-Term) - Additional Information

Gene ID 6711

Other Names

Spectrin beta chain, non-erythrocytic 1,
Beta-II spectrin, Fodrin beta chain, Spectrin,
non-erythroid beta chain 1, SPTBN1, SPTB2

Target/Specificity

The synthetic peptide sequence is selected from aa 2083-2097 of HUMAN SPTBN1

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.

SPTBN1 Blocking Peptide (C-Term) - Protein Information

Name SPTBN1

Synonyms SPTB2

Function

Fodrin, which seems to be involved in secretion, interacts with calmodulin in a

SPTBN1 Blocking Peptide (C-Term) - Background

Fodrin, which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.

SPTBN1 Blocking Peptide (C-Term) - References

Hu R.J., et al. J. Biol. Chem. 267:18715-18722(1992).
Chen Y., et al. J. Mol. Neurosci. 17:59-70(2001).
Totoki Y., et al. Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W., et al. Nature 434:724-731(2005).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.

Cellular Location

Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, M line.

Note=Colocalizes with ANK2 in a distinct intracellular compartment of neonatal cardiomyocytes

Tissue Location

Isoform 2 is present in brain, lung and kidney (at protein level).

SPTBN1 Blocking Peptide (C-Term) - Protocols

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

- [Blocking Peptides](#)