

**SPTAN1 Blocking Peptide (Center)**

Synthetic peptide

Catalog # BP21186c

**Specification****SPTAN1 Blocking Peptide (Center) - Product Information**Primary Accession [Q13813](#)**SPTAN1 Blocking Peptide (Center) - Additional Information**

Gene ID 6709

**Other Names**Spectrin alpha chain, non-erythrocytic 1,  
Alpha-II spectrin, Fodrin alpha chain,  
Spectrin, non-erythroid alpha subunit,  
SPTAN1, NEAS, SPTA2**Target/Specificity**The synthetic peptide sequence is selected  
from aa 977-991 of HUMAN SPTAN1**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.**SPTAN1 Blocking Peptide (Center) - Protein Information**

Name SPTAN1

Synonyms NEAS, SPTA2

**Function**Fodrin, which seems to be involved in  
secretion, interacts with calmodulin in a**SPTAN1 Blocking Peptide (Center) - 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.**SPTAN1 Blocking Peptide (Center) - References**Moon R.T.,et al.J. Biol. Chem.  
265:4427-4433(1990).  
Cianci C.D.,et al.Biochemistry  
38:15721-15730(1999).  
Kato S.,et al.Submitted (SEP-2004) to the  
EMBL/GenBank/DDBJ databases.  
Totoki Y.,et al.Submitted (MAR-2005) to the  
EMBL/GenBank/DDBJ databases.  
Humphray S.J.,et al.Nature 429:369-374(2004).

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

**Cellular Location**

Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Note=Expressed along the cell membrane in podocytes and presumptive tubule cells during glomerulogenesis and is expressed along lateral cell margins in tubule cells.

**SPTAN1 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)