

**SPTAN1 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21186c**

**Specification**

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**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 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](#)

#### **SPTAN1 Blocking Peptide (Center) - Images**

#### **SPTAN1 Blocking Peptide (Center) - Background**

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#### **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).