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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 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

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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).