

## Product datasheet for **SC205073**

### Alpha Fodrin (SPTAN1) (NM\_001130438) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Alpha Fodrin (SPTAN1) (NM_001130438) Human 3' UTR Clone
Symbol:	Alpha Fodrin
Synonyms:	DEE5; EIEE5; NEAS; SPTA2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130438
Insert Size:	358 bp
Insert Sequence:	>SC205073 3'UTR clone of NM_001130438 The sequence shown below is from the reference sequence of NM_001130438. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGTTCACCCGCTCGCTTTTCGTGAACTGAGCCACTCCCTGGGTCACCCACCCTCGCTGCTTGCCCTG
CGTCGCCTTGCTGCATGTCGCTCCTCTGTGTGCTCTCACTTTCCACTGTAACCTTAAGCCTGCTTAGC
TTGGAATAAGACTTAGGAGAAAATGGTGTCTCACTAACCCGCTTCCGGTCCAGTCACAATCATCATGTC
ACTGTGGGACCCAGATCTGTGCTTGAAGCAGCTGCCCTCATTCCGACTTCAGAAAATCGAAGCAGCT
GGCTCCTCCCCTGTTCTCTCCACCCTCCCCAAATCTGTTTTTCATGTAAGAGACAAAATAAATGAT
GACTTCCCCAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```



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RefSeq: [NM\\_001130438.3](#)

**Summary:** Spectrins are a family of filamentous cytoskeletal proteins that function as essential scaffold proteins that stabilize the plasma membrane and organize intracellular organelles. Spectrins are composed of alpha and beta dimers that associate to form tetramers linked in a head-to-head arrangement. This gene encodes an alpha spectrin that is specifically expressed in nonerythrocytic cells. The encoded protein has been implicated in other cellular functions including DNA repair and cell cycle regulation. Mutations in this gene are the cause of early infantile epileptic encephalopathy-5. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]

Locus ID: 6709

MW: 13.1