

Product datasheet for **SC211006**

Spectrin beta chain, brain 3 (SPTBN4) (NM_020971) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Spectrin beta chain, brain 3 (SPTBN4) (NM_020971) Human 3' UTR Clone
Symbol: Spectrin beta chain, brain 3
Synonyms: CMND; NEDHND; QV; SPNB4; SPTBN3
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_020971
Insert Size: 925 bp
Insert Sequence: >SC211006 3'UTR clone of NM_020971
 The sequence shown below is from the reference sequence of NM_020971. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATCGCAGGGCCAGCGGGCGCAGGAAGTGACTTCCCACCCCCAGGACCTGACACATCTCGTCTCCCCTC
TTTTCCGCACTGTGGGCACAAAGACACTTTTTCTCCGCAAGGGCGGGAGCCCCTAGTTCCAACACTGA
GGACGCGTGACATGGTGGCACCAGAAAGGAGGGGACTTCTCCTGCACCCCAAGAAGTGGTGGGGAGAT
TGCTGCCCTATAGCCATATCTCGGCCCTTCCCCTCACCACCCCAAGGAGTGGTGGGGTCCCT
TATTTTTATGCAATAACTGAGCTTGATGGGGTGGCAGGGGCCAGTTGAGCCAAGCCCCAGCCCCG
ATCTGCAGATCCTGCCCAAGAAGCTGGGGTGGTGGGGGAGTAATTCCTGCCCCCTCTCTGCCCTAG
GGATGGGCACGGGGCGCTGGTGGGTCCTGGACATCCAGGGTGGTGGGGGAGGGAGGGGACAC
CCCCTCCCCGCTTTACCTCACTTCCAATGCTGCCTTGATCTCTGTCTGGGAGGGGGAGTGAAGGGGC
CCTAGCCCCCTGCACTCCGCCGCTCAGAGCCATGCGGTTAATTCCTGACTTAGTTTATTTTTGCAAAA
CGTCGATCTCCTCCTCCCCGCCCGCATCCGCGAAGGCTTTTAAATGGGAGGGGCGTCAAAGCTCAAAA
CTGTTTTCTCTCCTCCCCCTCCAGTTGTAATGCCACTTCATGAGGGGAGGGGCGAGGGGAAGCC
CACCCCTGCATGCTTCTGGCTGGAGCACCTCCCTGGGGAGTCGGGGGATTGGGTTGTGGGCAGTCCCCA
TGGCCGCTGGAGAAGCCGCTGGGGCCCCGGGGTGTGGGCGGTGTGGCGGCGCACACTGTATGTACC
TATAATAAACCTTTGGCTTTGACGGTC
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCAGCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACCGCCGC
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Restriction Sites: SgfI-RsrII



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.
RefSeq:	<u>NM_020971.3</u>
Summary:	Spectrin is an actin crosslinking and molecular scaffold protein that links the plasma membrane to the actin cytoskeleton, and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. It is composed of two antiparallel dimers of alpha- and beta- subunits. This gene is one member of a family of beta-spectrin genes. The encoded protein localizes to the nuclear matrix, PML nuclear bodies, and cytoplasmic vesicles. A highly similar gene in the mouse is required for localization of specific membrane proteins in polarized regions of neurons. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	57731
MW:	33.4