

## Product datasheet for **SC217331**

### Piccolo (PCLO) (NM\_014510) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Piccolo (PCLO) (NM_014510) Human 3' UTR Clone
Symbol:	Piccolo
Synonyms:	ACZ; PCH3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014510
Insert Size:	2000 bp



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**Insert Sequence:** >SC217331 3'UTR clone of NM\_014510  
 The sequence shown below is from the reference sequence of NM\_014510. 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
CGCATTCAACCAAGTAAAAGACGCAAAATAATTCCCTCAGCATGGCAGCTTAATGTTTCATCTGTTGCCTT
TCTTCTGCTGTCTTTCTGTTTCTGTTTTCAGTTTTCAACATCCTCTGCTCACCCTGTTCTCTGTCCC
TTTGTCTGTGTAAGAACGATATAAATACATTAATATGCTCTTTCTATTTAGATTTTTTTTATTTACAT
AGACTGAAATAAACTGGCTGTTTCTCCTTTGTTTCCACCATCCATCCAACCTGGCTCATAGCATTGGA
TACAGTGTCTGTGATGTTTGAAGCAAAGCAATGTTGTGTGCTTTTTTGTGCGCTTAAATATCTTT
TAGAATACAGAAATTATAAGCACAAGTGGCTGCCAGTTTTCCAGGACTTATACCAAAAAAAAAAAGTG
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ACCTATTTAAATAGAGCAAAAGAGCACTTCTGTTTGCATGAATAACATTTAAGCTGGTTCCATCTGAGG
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GCCAGGAAGCAGCACAGACAGCATAGCAGGAGTCTCCCATTTCAAAGAACTCAGTCTGATAATCTG
CCTCCACCAGCCAATGGCAACCAAGACCAAGCCAGCTAGCCCTCAGGAAGGTGATGTCTGATGGACCA
GTCAAGCCAGAAGGAGGTGAGCAGAAAGGCCCTGTTCAAAGCACACAGCAAGAACATCCCCAAATTTAA
AGCTCTCATCTTTAATTTTTAGAGATTGTCTGATAAAAATATGTTTATCCACTTTTTAATGTGCTTTTGT
GGGCATGGCATTTCAGGACTTCATCATCCCATGTAAGTCCCAAGATCAGTCCCATAATATTGACTA
CAGTGATTTGATTTTTCTATGCACTGGGCATCTTTTACTTTTTGTTGGGAAATAGATTAACAATATTC
ATATTGAGAATGGAATGCATGCTACTAACCTAATCTGTTCAAGCATGACTATAAATATGTTTCATTGT
GATAAAAGTTTAAATTGCTCACAGTTCAAGTTAGCCTACCAAGTTGGAATGTGGATCAGTGTTTTTGCC
TATTATTTCAAGTGAACTTTTAAAAATTTAGTGGATTTTAAAAATTTCTAGAGGAAAAGTAAAGGAAAA
ATTGTTAATGCACTATTACCTTTACATGGTGAAGTTCTCTCTTGTATCCTACAAAACAGACATTTTCC
ACTCGTTTTCCATAGTTGTTAAGTGTATCAGATGTGTTGGGCATGTGAATCTCCAAGTGCCTGTGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-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.

**RefSeq:** [NM\\_014510.3](#)

**Summary:** The protein encoded by this gene is part of the presynaptic cytoskeletal matrix, which is involved in establishing active synaptic zones and in synaptic vesicle trafficking. Variations in this gene have been associated with bipolar disorder and major depressive disorder. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

**Locus ID:** 27445

**MW:** 76.6