

Product datasheet for **SC215630**

PICALM (NM_007166) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PICALM (NM_007166) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PICALM
Synonyms:	CALM; CLTH; LAP
ACCN:	NM_007166
Insert Size:	1901 bp



[View online »](#)

Insert Sequence: >SC215630 3'UTR clone of NM_007166
The sequence shown below is from the reference sequence of NM_007166. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTATCAGGAGCACAGATACAGTTTATGTAACCTTGATGGAAGAAAATGGAATTACTCCAAAAAGACAAGT
GCTCAAGCAGCAAAATCCTTACTTCCAGCAAAATCCAAACTGCTGTCTCTTAAATCTCTTAAACTCTCT
TCTTCCATTAGAATGCTACAAGTAACTCAGTGAAGGCCCATGAAGGAAATTGGGACTAGTTTATAGGAG
AACGTATCAATACAGTTTATAAAGCCAAGAATTGCTATGATTTAAGACTAAGATCTGTCTTTTTGGTGA
CTAACCTTCAATTCTTTCAACTCCTGTTAATACCCATAATCAGTAACCTATCAAGAAAAGCCCTTATT
TGGAAAGTGTGAAATTTGATTTGGAAAAGCTGCCTGGAGAGAAGAAGTGTGCTTTACTGTATTTCA
ACAGGACTCTTTTGGGGATCAAAATTAATTTCTAATTATGCATTATCTTTCTTTTCTCCAGTCTC
ACAAATACAGAAACAATAACTGAAATTAACTTTTCTTTTTTAAAAAAAATTATATTCAGTTTGCAGTA
GACATTCCTTAAGTATTTGTATTTATTTATGATTATCAATTTTACATAACATTAATTGTATCAGACC
TCCTTATGAAAATGAGTATGGATGTGCACAGTATGTTTGAATTTTATCCACAAGAATGAATCTGATTCA
GAATGCTTTTCTCAGCTGACATACAGAGCACTAAATATTTAAGGCAAGTCCATAGGTCTGAATCTCTT
AAGAATTCCTCGGCCTCTGTGGGATTTAGGGAAGCATTATAAATGCATTAATCCTTATAGTCAATCTGT
GCCTAGGATTTTCCAGGGAACAGTTCACTGACTAGGAAAAGCACTACATTTTAAATTCAGCATTAGTG
CATTGGGAAGGATCTTTACTGCTTTGTGCTTGGCATGTCATTATTTCCATTTGACATTAGGGCCTTTC
CAAAATGAATGTGAGGAATTGCTTTCACCTCAAGACTTTCCTTCTTTTCACTAAAACCTCTAGAAGGTGT
TACAAGGGGGAGGGAAGGGGGCAAGTCTTGAACATTTTCTTTGGCTCGTCCATGTTATGATCATA
TACCTTTTAAATAAGGGGAAATAGTATCTTTAAAGTTAATGTCTAGCCAAGAGTTTAGTAAACGAAGAA
TTAAACTGCACTGTTGATCGGTGCTTTGTGTAATAACATCTTTAACATTTGGGTGGAGAGGGCCTTAA
GAAGGACAGTTCATTGTAGGAAAGCAATCTGTACATGAGTTTAAAGCATTCTTGTGCAATGTCTCTGC
AGATTCTATTTTGTACAATATTAATGTATGTTAGCAAAATGGGTGGATTTTCAAATAAATGCA
GCTTCCACAAAAGTTTGTATGGTATTCTGGTCTGAGATGCATTTTCATTTTCTTTCTCTTTTAT
TATCAATATTGCATTTTCCCTAATAAATATACCCAGGTGATTATTTGTTGATCTAATAACATGG
AAGTTTGTATATGAATTTTCAAAAAGATGTCTTTACACTTTTGTACCTGTAGACTCTTAT
TGATAAATGCAACTACTTATTAATTTGTTCACTTTTGTCTTTGATCAGATGCCTTTAGTCAGGTAA
GTTAAGGGAAAATACGCAGTTAATGTTTGGTACATATAATTATGTCTGCCAAAGAAACCTTTGATT
GTATCATATTGCCTATTTAGTAGTGCATAGGGTTCAGAGTACATGATAAAGGATCAAAAGCTTTGCATT
GATAAGTGTCTCATAATTTGCTGTGATTGGAGAAAAATGTAGTCGTAGCCAATAAATTTTATCAGC
TTTTAAGTTTTCAGTATTATTAACCATTTTCATATAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
```

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_007166.4](#)

Summary: This gene encodes a clathrin assembly protein, which recruits clathrin and adaptor protein complex 2 (AP2) to cell membranes at sites of coated-pit formation and clathrin-vesicle assembly. The protein may be required to determine the amount of membrane to be recycled, possibly by regulating the size of the clathrin cage. The protein is involved in AP2-dependent clathrin-mediated endocytosis at the neuromuscular junction. A chromosomal translocation t(10;11)(p13;q14) leading to the fusion of this gene and the MLLT10 gene is found in acute lymphoblastic leukemia, acute myeloid leukemia and malignant lymphomas. The polymorphisms of this gene are associated with the risk of Alzheimer disease. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]

Locus ID: 8301

MW: 73.9