

Product datasheet for **SC215629**

PICALM (NM_001008660) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PICALM (NM_001008660) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PICALM
Synonyms:	CALM; CLTH; LAP
ACCN:	NM_001008660
Insert Size:	1901 bp



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Insert Sequence: >SC215629 3'UTR clone of NM_001008660
 The sequence shown below is from the reference sequence of NM_001008660. 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
GTATCAGGAGCACAGATACAGTTTATGTAACCTTGATGGAAGAAAATGGAATTACTCCAAAAAGACAAGT
GCTCAAGCAGCAAAATCCTTACTTCCAGCAAAATCCAAACTGCTGTCTCTTAAATCTCTTAAACTCTCT
TCTTCCATTAGAATGCTACAAGTAACTCAGTGAAGGCCCATGAAGGAAATTGGGACTAGTTTATAGGAG
AACGTATCAATACAGTTTATAAAGCCAAGAATTGCTATGATTTAAGACTAAGATCTGTCTTTTTGGTGA
CTAACCTTCAATTCTTTCAACTCCTGTTAATACCCATAATCAGTAACCTATCAAGAAAAGCCCTTATT
TGGAAAGTGTGAAATTTGATTTGGAAAAGCTGCCTGGAGAGAAGAACTGTGCTCTTACTGTATTTC
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ACAAATACAGAAACAATAACTGAAATTAACTTTTCTTTTTTAAAAAAAATTATATTCAGTTTGCAGTA
GACATTCCTTAAGTATTTGATTTATTTATGATTATCAATTTTACATAACATTAATTGTATCAGACC
TCCTTATGAAAATGAGTATGGATGTGCACAGTATGTTTATCCACAAGAATGAATCTGATTCA
GAATGCTTTTCTCAGCTGACATACAGAGCACTAAATATTTAAGGCAAGTCCATAGGTCTGAATCTCTT
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GTATCATATTGCCTATTTAGTAGTGCATAGGGTTCAGAGTACATGATAAAGGATCAAAAGCTTTGCATT
GATAAGTGTCTCATAATTTGCTGTGATTGGAGAAAAATGTAGTCGTAGCCAATAAATTTTATCAGC
TTTTAAGTTTTCAGTATTATTAACCATTTTCATATAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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_001008660.3](#)

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