

## Product datasheet for **SC216246**

### SACM1L (NM\_014016) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SACM1L (NM_014016) Human 3' UTR Clone
Symbol:	SACM1L
Synonyms:	SAC1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014016
Insert Size:	1770 bp



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**Insert Sequence:** >SC216246 3'UTR clone of NM\_014016  
 The sequence shown below is from the reference sequence of NM\_014016. 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
AGACTGGTCCAGAAAGAAAAGATAGACTGAATTTGTATTTGTGGAAGCGGCTTGGCTTGAAGATTCC
ATTGTGCAGAAGTGGAGTCTTTACTGACCCGCTTCCACATCAGCCCAAGGCTTTTTTAATGCCTTTAT
CCAAAAGCACATCTTGTGCTCCATGCAGGATGATGACAGAATTGATCTGATGTTACTGCCTTGATGGTC
TCTTTACTATTGGGACAGTTAGATTTATAATTTGAAGCTATTCTGTAATTAATAACCTGAATTCA
GCTTGCAGAAATGGAAGCTGAATCTGTTCATTGTATTCTATTGATTGTCAATTTAATTAGCTGTTGCAGA
ATAAGTAATATATTTAAAAACCTAGCTCCTTTCATTATTTAAAAACAGCAAAATATTTTGTAGCTCA
GTTTCATTATTGTCATTGTAGAAGCGGTCCTATTAGCAGGCATACTTTCCACACATCTTTGGACTTT
TCTTAAAAGTTCAGTAATAAGCTAACTGTGTTTATAAAATGTAAGTCTCTTACAGACATCAAGTAGTTT
GATGAGACAGTCTGTGACTTCATGATAGAAAGAGGAGGATGAGGTCTGGGGTCTTTAAAGTCTCTGG
TGGGCTGCCTCATGACTTAAATCAGCTTGAAGTCCAGTGCACCAGCAGTTTAGGTGTGATGAGAGAAT
TCAGATATACTTTATCTTTTAAAAAGTGTAATAAAATCAAAGAATGTAAGTCTATCTTACGCT
AGAGGTCCAAAGCTGCCTCTGTTTTAAAGATTATCCCAATGTGGAAGATGCCCATGACTGGTCAGCTAC
TTCTCTATACATTTTGGTTTCTTTGAGGGTCACTCATTGAGACACGCAGGCCCTCTGAGAGGGTCTTG
TTCTAGATTTTCATATTGCACTTGGAGGGTAACAGCTGCTTTTTCACGCATGGTACTCTTGATGTTTTTC
ACTCTGTCAAGGATTTTGTGGCTATCAATGAATGTGTCTAAACTTAGTCTCCAGGTAGTTATAGT
ACTCCAAATCAAGGACCAACTTAAACGTTAATTTTTGTGCAAAAACAACTGAAAAATATGCTTCGGA
AACTGTGCATAGTTCTAATTGTAAGTCAGATTGTATATTCAAATTGTAATTAAGAGATTTAAATATTAG
AACGGTATGTAAGGTAGTATAATTACCACTATTTTAAATAATTCAGTTAAACACTGCTGCAATTTTCA
GTGTTGTGCTTGAATAATGTACAGTTTTTTTCCAATATAATACCTTATGTTGCCTTAAATATTTCT
AAAAGCGCTTTATTTACGATTACCTTTTTTTCATCACTATCTTTTATAAAACATTAATAAGTCGT
TACTTTTAGAACTAAAGGAAATAATAGCTGGAAAACCTCTGTAGTTTAAATCAGTCATTAAGTCA
CAATAGGGTAAGTAAATATAGCCACCTGTTAACATGTAATAAGCATAATTTGTTCCAAAGATGGAATA
TTGAAACTTAGTTCATGTCTGTGTAATAATTTAAATGCTGCTGGGCATTTCACTTAAAGAACTT
AATGTCAACAGCTACAACAAAGACCAAACTGAACTGCTAATGTGGCTGCTTTGTAGGGAATGGACTAA
TATCAGTGTGTTAGATCTTAAGGTATCAGTATTTTCAAGTCTGCGACGATTTTATTTCTAAATTCATG
TACTGTATGTCCATAAGTGAATAAAATGTCATATTCTTTTCTA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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- 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.
- RefSeq:** [NM\\_014016.5](#)

**Summary:**

This gene encodes an integral membrane protein, which is localized to the endoplasmic reticulum, and functions as a phosphoinositide phosphatase that hydrolyzes phosphatidylinositol 3-phosphate, phosphatidylinositol 4-phosphate, and phosphatidylinositol 3,5-bisphosphate. Deletion of this gene in mouse results in preimplantation lethality. Other studies suggest that this gene is also involved in the organization of golgi membranes and mitotic spindles. Alternatively spliced transcript variants have been found for this gene. A C-terminally extended isoform is also predicted to be produced by the use of an alternative in-frame, downstream translation termination codon via a stop codon readthrough mechanism.[provided by RefSeq, Dec 2017]

**Locus ID:**

22908

**MW:**

66.8