

## Product datasheet for **SC210035**

### AKAP10 (NM\_007202) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	AKAP10 (NM_007202) Human 3' UTR Clone
Symbol:	AKAP10
Synonyms:	AKAP-10; D-AKAP-2; D-AKAP2; PRKA10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007202
Insert Size:	1955 bp



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**Insert Sequence:** >SC210035 3'UTR clone of NM\_007202  
 The sequence shown below is from the reference sequence of NM\_007202. 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
CAACCGTTAGAGAAATCTACAAAGTTATGACTCAAACTTGAAGATAAAGGAAATCTGCTTGTGAAAAAT
AAGAGAACTTTTTCCCTTGGTTGGATTCTTCAACACAGCCAATGAAAACAGCACTATATTTCTGATCT
GTCAGTGTGTTCCAGGAGAGAATGGGAGACAATCCTAGACTTCCACCATAATGCAGTTACCTGTAGG
CATAATTGATGCACATGATGTTACACAGTGAGAGTCTTAAAGATACAAAATGGTATTGTTTACATTAC
TAGAAAATTATTAGTTTTCCAATGGCAATAACCCATTTATGAGAGTGTGTTAGCCTACTGGAATAGACA
GGGACCACATCCTCTGGGAAGCAGATAAGCATAGAAGTACTGATGACACTCGTAGTGGTAACTC
ATCCCTAATCAGCATTGTAAGCAGGTGCCAGAGTGGTTTGTCTTGTCCCTTCAAAGCAGGTGAGTCA
GCCCCACCGAGAGCCAGGAGCTTTGAGTGGCAGCGTGGTGTAGCAGCTTCAGCGGAACAGGGTGAGA
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CTATACTTAAACCATTCTCCTCCCTGCTAACAGAAGGGTGTGAATCTGGTTTACTTTGAGCATTAGGA
TTTGCCCTTTGGAACTTGCACCTCCAGTTACTTAACTTTCCCTTCAAGATACATGTGGAAGAAAGAA
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TGGTACTATGTACCCTCTGTTATTCTTTAAAGCTGAAGTATTCATGACTTAAACCATATTATATT
TAATTGTGTTGATTTTAAATATATATATGAATTTTAAATTTGTGCAACTTTCTGCTTTCA
GGGCAATTTATGGCTCTTCTGTTGAAATATATTGATCTTTCCAAATATTTTCAATTTGCTTTCTAAAAACC
CAGAACATGAGCCACTACTGGACTTTGCCTTGTGTTTGAAGTGTATGGCATAAACCCAAGTTTTTATT
AGTCATCTATGCTGTGATTAATTCATTTTGTCTTTTAAACAAATATTTCCATCCACTTCACATTGCTT
CAATCTTTAACAGAAAAGCAATATAAAGGTTATAGAATAAAATGTGGTTTTGGGCAACTCTTGTGCCT
CTGCATGTTTTGGAATAACAATTTCTACAAGACTCTAGGCTGTTTAAACTAGTGCTTTCAGTTAAGATA
AATTCTAATCATTTCTTTGTATATACATTTTGTGCTTCTGAGCTAGAGATGCCAAGTAGTTGAAACTG
CTTATAAAGAGAAATAGCAGCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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\\_007202.4](#)

**Summary:** This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins bind to the regulatory subunits of protein kinase A (PKA) and confine the holoenzyme to discrete locations within the cell. The encoded protein is localized to mitochondria and interacts with both the type I and type II regulatory subunits of PKA. Polymorphisms in this gene may be associated with increased risk of arrhythmias and sudden cardiac death. [provided by RefSeq, May 2012]

**Locus ID:** 11216

**MW:** 75.3