

## Product datasheet for **SC216662**

### AKAP7 (NM\_004842) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	AKAP7 (NM_004842) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AKAP7
Synonyms:	AKAP15; AKAP18
ACCN:	NM_004842
Insert Size:	1836 bp



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**Insert Sequence:** >SC216662 3'UTR clone of NM\_004842  
 The sequence shown below is from the reference sequence of NM\_004842. 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
GGCAATGACAATGAGAACAACAGGAAATGAGCCCCGAACGCGAGGCCCCCATGTCTCTGTGCAAAGCCTC
CCTGCTTCCCTCTGCTGAGTCTAGGGACTGACTTGCAGCGTGCTGTTAAGTTAAGTTTCTGTTGCA
ATCTGTGAAGATTGCCTAATACTTTTCATGATCGATGTGTTTCGATTGCTGAAACACAACAGAAGAAAA
ATGGAGTGTGGGACTGGCAGAGGAAATTAATTGATGAAAGAAGAATGGCCCAAGTTTCATTGCGCCCTC
AGCCACGCACAAGGGAAGGAACTTTGGGTTATGCCTCTGGACGCAATTAAGGCCGAGAAAGAGG
CCTTGCCATCAATGGAATACTGCCATTTATATTGCTTAGCAGGGCATTGACTACTTTATCTGAGGCCA
GAACTCTCACACACAGCTATCAAGTGCTAAGTTAAAAATAACTACTGTTGGAATTGCATCTGTACAAT
TAGTCCATAATGTTTCATGTTTGCCTAAGTGTGCTGTTGCTATGCAGTGTGATCTTTATTTATAGTAA
ATTATGTTTCATGTAATGATATATTTTTGGTGAATGCAACCTTTTCTATAAAATGTGGCAACATTT
TAAAGTTTTTTTTAAAATCCTATTTTGATAAGTCAGTATGCCATATTTAATGAAATGTTATATATAATT
TTTTTTTCTTAGGCAAGAAACCTATTGGAATTCGAGACTTAATTAATGAAGCTTTGCATCGAAGAACGA
TGGGTCTGAAGTCCAAGTGAAACAGATAAAGGAACTTTTATTAAGCCTGAGACTCAGGCCAGAATTA
GGAGGGAGCTTTTTGAAGGAAGACTTATTAACAACAGTAATTCAGCAAATGACGTTGATTTGAGCACA
CTTTGACATAAGCTCTACATTGCGATTGTGACAACATAGCTTATGAAATCTTTTCAGCTTATTAAGTAG
CTCTTTGGTAAACACCAAGAAGTTTCTGATAGTGTCTGCACAACAGCAAACCAATTTGGTGAGGAA
TTAGCAATTTCTTGCCAAAGAAAATTGATTCTGCCCAATATTTTTTTGAGCTACACTTGTGTTTTAGAA
TATCTGTTTCTGTAATATTGAGAGTTATTTTATAGAAATGATTTCTTAATTAGCTGTTGTGAGATATTT
CTCGGGTCTTGCAAGAAAAACATACAGACTGTGAACAATCATTACAAACAGAATAAAAACAGAGCC
AACACAGTATTTAAGGGTCACTTGCCTCCTGTTGACACAATTGTTGCTAAATCAAAGAAGCGTTGT
CCAGGTGTGTCTACATCTAGTGTACTTTAATGAGAATTTGAATGTTTATTGAACAATAGTACTTGAA
TGAACATTTATAATGTAATTATTGCGATCACTGGTAAAGAAATGTTTTATATCCTTATAATATTTTT
CACTGATCAAAAATGTTGTTCTGCTTTTTCACTTTCTTAAGGAATACATGTTTGGGATTTTTATTTTTAC
GTGTCCGAAGATAAGCTCCAGGCTTATCGTATCCCTTGCCATCTGAACTGTTTGCAGTCTTCTGTT
TGAAAGAGCATCTGAAAACTTCCCGGTATGATGATTGTTGGTAACAATTTTTCTATAGTCATTGA
TGGAGTAGATCATGATGGAGGGAAATCACTGGAGATCAAATATGTAATAATTTCAAATATAAATC
CAGTTTACTCATGGATTTAGCTATTTTTTCACTGGGTAATTTACTACATTTATTTACAATAGATT
TATGCATTTTCATGGCTCTTAATAAACATATTGTTTTCCCTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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\\_004842.4](#)

**Summary:** This gene encodes a member of the A-kinase anchoring protein (AKAP) family, a group of functionally related proteins that bind to a regulatory subunit (RII) of cAMP-dependent protein kinase A (PKA) and target the enzyme to specific subcellular compartments. AKAPs have a common RII-binding domain, but contain different targeting motifs responsible for directing PKA to distinct intracellular locations. Three alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Apr 2011]

**Locus ID:** 9465

**MW:** 71.9