

Product datasheet for **SC216664**

AKAP7 (NM_016377) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AKAP7 (NM_016377) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AKAP7
Synonyms:	AKAP15; AKAP18
ACCN:	NM_016377
Insert Size:	1836 bp



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Insert Sequence: >SC216664 3'UTR clone of NM_016377
 The sequence shown below is from the reference sequence of NM_016377. 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
GGCAATGACAATGAGAACAACAGGAAATGAGCCCCGAACGACGGCCCCATGTCTCTGTGCAAAGCCTC
CCTGCTCCCTCTGCTGAGTCTAGGGACTGACTTGCAGCGTGCTGTTAAGTTAAGTTTCTCGGTGCA
ATCTGTGAAGATTGCCTAATACTTTTCATGATCGATGTGTTTCGATTGCTGAAACACAACAGAAGAAAA
ATGGAGTGTGGGACTGGCAGAGGAAATTAATTGATGAAAGAAGAATGGCCCAAGTTTCATTGCGCCTC
AGCCACGCACAAGGAAAGGAACTTTGGGTTATGCTCCTGGACGCAATTAAGGCCGAGAAAGAGG
CCTTGCCATCAATGGAATACTGCCATTTATATTGCTTAGCAGGGCATTGACTACTTTATCTGAGGCCA
GAACTCTCACACACAGCTATCAAGTGCTAAGTTTAAAAAATCACTGTTGGAATTGCATCTGTACAAT
TAGTCCATAATGTTTCATGTTTGCCTAAGTGTGCTGTTGCTATGCAGTGTGATCTTTATTTATAGTAA
ATTATGTTTCATGTAATGATATATTTTTGGTGAATGCAACCTTTTCTATAAAATGTGGCAACATTT
TAAAGTTTTTTTTAAAATCCTATTTTGATAAGTCAGTATGCCATATTTAATGAAATGTTATATATAATT
TTTTTTTCTTAGGCAAGAAACCTATTGGAATTCGAGACTTAATTAATGAAGCTTTGCATCGAAGAACGA
TGGGTCTGAAGTCCAAGTGAAACAGATAAAGGAACTTTTATTAAGCCTGAGACTCAGGCCAGAATTA
GGAGGGAGCTTTTTGAAGGAAGACTTATTAACAACAGTAATTCAGCAAATGACGTTGATTTGAGCACA
CTTTGACATAAGCTCTACATTGCGATTGTGACAACATAGCTTATGAAATCTTTTCAGCTTATTAAGTAG
CTCTTTGGTAAACACCAAGAAGTTTCTGATAGTGTCTGCACAACAGCAAACCAATTTGGTGAGGAA
TTAGCAATTTCTTGCCAAAGAAAATTGATTCTGCCAATATTTTTTTGAGCTACACTTGTGTTTTAGAA
TATCTGTTTCTGTAATATTGAGAGTTATTTTATAGAAATGATTTCTTAATTAGCTGTTGTGAGATATTT
CTCGGGTCTTGCAAGAAAAAACATACAGACTGTGAACAATCATTACAAACAGAATAAAAACAGAGCC
AACACAGTATTTAAGGGTCACTTGCCTCCTGTTGACACAATTGTTGCTAAATCAAAGAAGCGTTGT
CCAGGTGTGTCTACATCTAGTGTACTTTAATGAGAATTTGAATGTTTATTGAACAATAGTACTTGAA
TGAACATTTATAATGTAATTATTGCGATCACTGGTAAAGAAATGTTTTATATCCTTATAATATTTTT
CACTGATCAAAAATGTTGTTCTGCTTTTTCACTTTCTTAAGGAATACATGTTTGGGATTTTTATTTTTAC
GTGTCCGAAGATAAGCTCCAGGTCTTATCGTATCCCTTGCCATCTGAACTGTTTGCAGTCTTCTGTT
TGAAAGAGCATCTGAAAACTTCCCCGGTATGATGATTGTTGGTAACTTTTTCTATAGTCATTGA
TGGAGTAGATCATGATGGAGGGAAATCACTGGAGATCAAATATGAAAAATTTCAAATATAAAATC
CAGTTTACTCATGGATTTTAGCTATTTTTTCACTGGGTAATTTACTACATTTATTTACAATAGATT
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_016377.4](#)

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