

## Product datasheet for **SC214419**

### **AKAP8 (NM\_005858) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	AKAP8 (NM_005858) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AKAP8
Synonyms:	AKAP-8; AKAP-95; AKAP 95; AKAP95
ACCN:	NM_005858
Insert Size:	1560 bp



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**Insert Sequence:** >SC214419 3'UTR clone of NM\_005858  
 The sequence shown below is from the reference sequence of NM\_005858. 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
GAGTCTAAAGACGCTGTTCCACAGAAATGATGCTCATTTCCTGTTCAGGGAAGGCGTTGGGATGATG
GATGCGTTGGTCTTTCTCCCTTGTTTTGTAAGCAGTACAAGGGCGTGTGCTCCAGAAATATGCTGTAAT
CTAATTTTGGTGAAGAGACCCAGCGTTTCTCCTGAGCAGTGCCTCTCACGGCTTGTCTCATGCAGTCG
TGTGGCTTCTTGCCAGGTTTCAAAGCTGAAGTACATTGCTTACGGCGTGTAAACATGTCTTTGACA
GTAGTGCACCTGGAATAATAAAGGTTGGGTGATTATATCTTGATGATACATTACTTGTCCAATACAGCC
ACTGATGGAATGCTTCTTTTTTATTTTTTCTTAATTTTTTTTTTATTTGGTGGGAACAGCTGAA
TACTAGGAATATATCTTGCTCTATAGAGGATTTTTTTTTGTATGTTTCAAGCTTCAGCCTTAAACCTAT
ACCTTTGTAGTGCACCATATGGTGTGTGACTTTCACAGGACTTCGCAGCACCTGGTTCACATGTGGCAC
TGACCGCGTCACATCCACGCACTCCCAAAGGCCAGAAATCTGACCGACCTACGCCACTGGAAACACA
CCCACCGCAACCTCAAGAACCAGACTGTGCAGAGGGCATTGCGTCCCAATCTTTAGTCTTGTGTAATC
AGTTCTCTAATATTTTACCTCATTGTGTTCCACCTCTAGATTACTTCAGGTTTTTTTCTTTAAAATT
AGTTACTACCACTCAAATGTATTTACAAAGAGAAATTTGGCCAGGCACGGTGTGATGCATACCTATAATCCC
AGCACTTCGGGAGGCCGTGGTGAGAGGATAGCTTAAGCCAGGAGTTCAAGACCAACCTGGACAACATA
GCAAGACCCCATCTCTTAAAAAAAAGGAAAGAAAAGTTGATGTGATTGCCATAGGTGGAATAATCCAA
CATAAATTGCCATAGATAGAAGGTATCTGTAATATATATATATATAAAAATGAAATATATGTTTCA
TTTTAGAGAAATAACTATTACTTTAGATCTTTCCAAATCTGAGAAAGGGAGGCTAGCATGTGTTCAAGG
TTAGCACGCAACAGAATTTCTAAAATCAGAAGAATTGGAAGATCCTCCCTTTTGAATGGCCCTGCT
GTGTCAGTTTCCCTGTGGCCTTTTGAAGTGTACATCTCACATGTTGGGAAACGCTGGCCACTGGGAAT
CATTAGAAAGGAGGCTGTAGAATATTTGCCGAGCCTCTACTGTATACCAGGGGCTAACTACCAAGCAC
ATTCTAGGAATTGGGCCCTGCTCATGAGGAGCCTTAGTGGAGATTCCAGGTGAATATTTATGAAAAAGT
CAACATTAGAAGTAAAAATGAAATAAACTGCTTGAAGACGATGGTGCCTCTGGGTCAATTTCTGCTC
AGCATCCGTTTGTGTTGTAGATGCGTCTTAATCGCAGGGTGTGAGCATGCCTTTTAAAGCTGTTCTCTT
AAGGCAAAAATGTCGGTAGCATTAAACAGTAGTGCAGAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_005858.4](#)

**Summary:** This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins are scaffold proteins that contain a binding domain for the RI/RII subunit of protein kinase A (PKA) and recruit PKA and other signaling molecules to specific subcellular locations. This gene encodes a nuclear A-kinase anchor protein that binds to the RII alpha subunit of PKA and may play a role in chromosome condensation during mitosis by targeting PKA and the condensin complex to chromatin. A pseudogene of this gene is located on the short arm of chromosome 9. [provided by RefSeq, May 2011]

**Locus ID:** 10270

**MW:** 59.1