

Product datasheet for **SC320098**

AKAP14 (NM_178813) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: AKAP14 (NM_178813) Human Untagged Clone
Tag: Tag Free
Symbol: AKAP14
Synonyms: AKAP28; PRKA14
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_178813.5
GTTGTGAGGAGTAAATGACTTCAGACACTGAAGGCTTAACACAGTGACTGGCATATCATA
GGGATGCCCAATACATACCAGCTGTGAGGCTTATCACCAGTCTTCTTCTGGCATGGCCC
TGTAAGCTCATCTTCGGCTGAAGAGAAGCTAGCACTTGCAAACATTCCATCTGGCAATCT
GAGAGAAGCTACTGAGAGAATCCTGAGACATCCCCAGCCACCTACCAGTCTCCTGTTCC
AAGCAAAGAAGATCTGCTCACTCCGAAAAAGAAAATGAGTGAGACTCAAATTCACAA
GCCAGAAAGCAATGGATGAGGATAACAAAGCCGCAAGCCAAACAATGCCGAATACACAAG
ACAAGAAGTACGAGGATGAATTGACTCAAGTAGCTCTAGCTCTGGTTGAGGATGTCATCA
ATTATGCTGTTAAGATTGTGGAAGAGGAGCGAAACCCCTTGAAAAACATCAAGTGGATGA
CTCACGGTGAATCACTGTGAAAAAGGGTCTTAAACAAATGACGAATATTTTTCGAAGT
GTGTTTCTAAAAATGCTGGGCACATGGCGTAGAGTTTGTAGAGAGGAAAGACTTAATTC
ACAGCTTCCTCTACATCTACTATGTACACTGGAGTATCTCAACTGCTGACCTACCCGTAG
CACGAATCTCTGCTGGTACCTACTTCCACATGAAGGTCTCCAAAACCAAACCCGGATG
CACCCATTGTTGTTTCTTATGTAGGTGACCACCAAGCATTAGTTCACAGACCAGGAATGG
TTCGCTTTCGAGAAAAGTGGCAGAAGAATCTTACTGATGCCAAATATAGTTTCATGGAGT
CATTCCCCTTCTTATTCAATCGTGTCTGATACTTACAGGATGCTTAGGATTGTTTTCT
CATCAGGATACATTAATAACAATACAGCAGTCAAACCACAGAATATTTATTGAGTAA
TAAACTTGTGGCACACAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_178813

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



[View online »](#)

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_178813.5 , NP_848928.1
RefSeq Size:	855 bp
RefSeq ORF:	594 bp
Locus ID:	158798
UniProt ID:	Q86UN6
Cytogenetics:	Xq24
Protein Families:	Druggable Genome
Gene Summary:	<p>The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The protein anchors PKA in ciliary axonemes and, in this way, may play a role in regulating ciliary beat frequency. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>