

Product datasheet for SC206936

AKAP9 (NM_005751) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AKAP9 (NM_005751) Human 3' UTR Clone
Symbol:	AKAP9
Synonyms:	AKAP-9; AKAP350; AKAP450; CG-NAP; HYPERION; LQT11; MU-RMS-40.16A; PPP1R45; PRKA9; YOTIAO
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005751
Insert Size:	544 bp
Insert Sequence:	>SC206936 3'UTR clone of NM_005751 The sequence shown below is from the reference sequence of NM_005751. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACTCAATTTTCATGCTGGCATGAGAAGATAATCCTTTGAAACATCATTAAATTGAAGTGATTTTAAATAGA
TTTCCTTTTGTAATCAATGGTTCTTTTGTGCTTTTGTATTGTGAATATTCAATGGGACCAATATGAAC
ACAGCTTATGATTGTATACAAATCCCTTGCCAGCACATGAAAACAACTGGAATTTGTATATATAAGCA
TTGTGTATGTATTCATGCACAATAATTATTGAATTACCTGTATATTTGTGAATGCTAATTTAAACAT
TAAATTATAAACCTTGTGATTTTATCAAATGGGTGAAAAGATTAACTTTTACGCATTACAATACTGCT
GAATGTGTAGCTCGAGGTGTCCTGCACTTTTCTTATAAGGCTACTGAAGTTACATGTTTTGCCTAATAT
ATTCTACTGGTGATGAAGACAGATAATATCACTTTGTAGAGACCTATTTTGTATAATGGTAGAAGTTTT
GAATTTTATGGGGTATTTTGTCAAGTACTGAAATAAAAAATGACTTCACCATTTTCAACACA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).


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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:	<u>NM_005751.5</u>
Summary:	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. Alternate splicing of this gene results in at least two isoforms that localize to the centrosome and the Golgi apparatus, and interact with numerous signaling proteins from multiple signal transduction pathways. These signaling proteins include type II protein kinase A, serine/threonine kinase protein kinase N, protein phosphatase 1, protein phosphatase 2a, protein kinase C-epsilon and phosphodiesterase 4D3. [provided by RefSeq, Aug 2008]
Locus ID:	10142
MW:	21.4