

## Product datasheet for **SC213954**

### Adenylate kinase 5 (AK5) (NM\_012093) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Adenylate kinase 5 (AK5) (NM_012093) Human 3' UTR Clone
Symbol:	Adenylate kinase 5
Synonyms:	AK6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012093
Insert Size:	1326 bp



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**Insert Sequence:** >SC213954 3'UTR clone of NM\_012093  
 The sequence shown below is from the reference sequence of NM\_012093. 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
CTCTGCACAGCTATTGACTCTATTTTCGAAGGCCAAAATGCATGTTTGTAGAATGAAAACAGAAAAA
CATTAAAAAGTTCATTCCCTTAACACAATGTTTCAAGTTAAACCTTTTGTGTACCGCCCCCAACCA
CCACCTCCTAAATCCTGACAGCACTGTTTGTCTCCAGCTAGACCTGTGTGAGAGGTGTCTGAAATCA
TGCATGGTGTATTTGGGACTATATCAACCTATTCTCCACACTTCAGACAACCTGTCTGCACTACGGCAC
ACACACTTTGTATCATGCAGGCCACACTCAGAGCTAGTCAGTACATGAACAGTGGTGCAGTCCAGTCT
GTGTCCGTTGTGATCACAGGCCCTTGCTAGACCCTGATCATCTGGTTCTCCTCTCATTAAAGCATCCCTAA
CCCCCAGTCACACCTTCTTACATACTGTTCCCAATGGAGGCCCTGGCATAGGGGACAGCCCTGG
GCATCTTCTTTGGTGTCTGGCTGTTTTGTCAACTCTCATCCACTGGTGGCTCAGAGCCATAAGGTGGG
TTGATTACACAATGCCTTGATACATGATATAGAGGCATCAAGCAAGTAAAAATTTGACAGAAATTTAAAA
TATGAAGATGTATAGCTTCCCAAGATGATGGTAAAACCCAGGTTAGTCATCAGTAACCTTCTCTATTA
TTATTATTTTTAGAAACTTGAATACTGTCGTCATGGCTAAGAGAACAAATCTGATAAATTGTGTAAAC
CTAGTCTCTTCTACATGGTGTGCAATTCAGCAATTATAAATTAATATAAATGACCAAAAGTAACTT
AAAAGCATGAGATATTTGCTATTTCAATTCATTGGGCACATATCAAATTATAATTTTGAATTTAAATGGT
CACCCATGTATTTATTTGTTGCCAAGCAAGTAAAAAATACCCTAACAAACCTGATGTGGGTGGGAGGG
GCATGTCAGTAAGTGGTGTGTTCAATGTGTTTGTTCATATGGGCCCTTCCAGGAGTTTGCAAACCTT
GTCATACCCATATGCAAACTGTGTTTCCCTTGCATTAACCAGTGAAGTTTGGGTTCTCTTTTGTGCTA
TCAATCAGTTGTAATAATCAGAGCTGCTTATATATTCTACTGGAATAACTGCATCTCCCACTCAGTCACT
ACAAAAAGCATAGTTTCAAGTTTGCATGAATTTTTTTTTTTTCTTCAATGGCTGTGCAGATAAGGATC
CATTCTGGGATAGAATTGTATTTTTTAAGTCATTTTTTTTTTCTTGAATGGATATGTACAAATAAAAT
AAATGGAAGACAGGA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-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\\_012093.4](#)

**Summary:** This gene encodes a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species. It is located in the cytosol and expressed exclusively in brain. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 26289

MW: 50.6