

Product datasheet for **SC213862**

Adenylate kinase 5 (AK5) (NM_174858) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Adenylate kinase 5 (AK5) (NM_174858) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: AK5
Synonyms: AK6
ACCN: NM_174858
Insert Size: 1326 bp
Insert Sequence: >SC213862 3'UTR clone of NM_174858
 The sequence shown below is from the reference sequence of NM_174858. 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
CTCTGCACAGCTATTGACTCTATTTTCTGAGGCCAAAAATGCATGTTTGTAGAAATGGAACAGAAAAA
CATTA AAAAGTTCAATTCCTTAACACAATGTTTCAAGTTAAACCTTTTGTGTCACCGCCCCACCAACCA
CCACCTCCTAAATCCTGACAGCACTGTTTGCTTCCCAGCTAGACCTGTGTGAGAGGTGTCTGGAAATCA
TGCATGGTGTATTTGGGACTATATCAACCTATTCTCCACACTTCAGACAAGTGTCTGCACTCACGGCAC
ACACACTTTGTATCATGCAGGCCACACTCAGAGCTAGTCAGTACATGAACAGTGGTGCAGTGCAGTCT
GTGTCCGTTGTGATCACAGGCCTTGCTAGACCCTGATCATCTGTTTCTCCTCTCATTAAAGCATCCCTAA
CCCCCAGTCACACCTTCTTACATACTGTTCCCAATGGAGGCCCTGGCATAGGGGACAGCCCTGG
GCATCTTCTTTGGTGTCTGGCTGTTTTGTCAACTCTCATCCACTGGTGGCTCAGAGCCATAAGGTGGG
TTGATTACACAATGCCTTGTACATGATATAGAGGCATCAAGCAAGTAAATTTGACAGAAATTTAAAA
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TTATTATTTTTAGAACTTGAATACTGTCGTCATGGCTAAGAGAACAATCTGATAAATTTGTGTAACT
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TCAATCAGTTGTAAAATCAGAGCTGCTTATATATTCTACTGGAATAACTGCATCTTCCACTCAGTCACT
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CATTTCTGGGATAGAATTGATTTTTTAAGTCATTTTTTTTTTCTTGAATGGATATGTACAAATAAAAT
AAATGGAAGACAGGA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
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_174858.3
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