

## Product datasheet for **SC210520**

### ADK (NM\_006721) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ADK (NM\_006721) Human 3' UTR Clone  
**Symbol:** ADK  
**Synonyms:** AK  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_006721  
**Insert Size:** 875 bp

**Insert Sequence:** >SC210520 3'UTR clone of NM\_006721  
 The sequence shown below is from the reference sequence of NM\_006721. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCTTTCCTGAGAAGCCAGACTTCCACTGATGGAAGAGCTGAAAACACAAGCCCAGGAGTGCAGACACT
GCCCTAATTGCTTCTGAGAATCCCATATTAATAAAGAAGAAAATTATCTGCCATTTTTCTACTAT
AATAATGCTGAATCTTAATTTAGAGGGTACAAGGGTATGGTAATGCTTGTAGAATCTTTATTATCTCAA
CAATCTAAAAATGATGTTTATTTCCATAGTTTGATAGTGCCACTTAAATGCCAATTAACAAGAATAT
AACATTTCAATAGAAATTTTATTTCAATTTCAATTTGTAATTCGTGTGATTTAGTACACTGA
TTTGTTTTTTTACATTTCTGCTTTGAATGCAGATGCAATTTAATAATAATAGATTTTTAATGAATTAAT
CTTAACATAGTAATCTTTAGCTTTTATACAAATATATTTAATTTAGGAGTATATGTGTGTCTATACAC
ACACATACATAAATATACCACATATACACCTGATAGTCAAATAAGGTACAGAAATTTTATCTTGCAAT
TATGCCAATAATCTCTTTAATGTGCACTCAAACATGTAATAAACTTTGGATAATTAATAATGTGCCA
AATTTAAGTTGTACCACAATATTCAAATCATAGTCTTATGGAACCTGTGAATTTGGACACAAACAAAAAC
TTGTCATATAGGAATTTTTCTGTCTTTCCCTGTGTACAGCAAACCTGAGGAAGAAAGATCATTATTT
AATAACTTAGTATCAGAGACCAATAAAATCACTTTTTTAAGGATGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_006721.4</a></u>
<b>Summary:</b>	This gene an enzyme which catalyzes the transfer of the gamma-phosphate from ATP to adenosine, thereby serving as a regulator of concentrations of both extracellular adenosine and intracellular adenine nucleotides. Adenosine has widespread effects on the cardiovascular, nervous, respiratory, and immune systems and inhibitors of the enzyme could play an important pharmacological role in increasing intravascular adenosine concentrations and acting as anti-inflammatory agents. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011]
<b>Locus ID:</b>	132
<b>MW:</b>	34.3