

## Product datasheet for MC207219

### Adk (NM\_134079) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adk (NM_134079) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adk
Synonyms:	2310026J05Rik; 5033405D03Rik; AI255373; AI987814; Ak
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207219 representing NM_134079 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAGCTGCGGACGAGCCCAAGCCAAAAAGCTCAAGGTGGAAGCGCCACAAGCGCTGAGTGAAAATG  
TGCTATTTGGAATGGGAATCCTCTTCTTGACATCTCTGCTGTAGTAGACAAAGATTTCTTGATAAGTA  
TTCTCTGAAACCAATGACCAGATCTTGGCTGAAGACAAGCACAAGGAAGTGTGGATGAAGTGTGAAA  
AAATTCAAAGTTGAATATCATGCTGGTGGCTCTACGCAGAATCAATGAAAGTGGCTCAGTGGTTGATTC  
AGGAGCCACACAAAGCAGCAACATTCCTTGGATGCATTGGGATAGATAAGTTTGGGAGATCCTGAAGCG  
TAAGGCTGCTGACGCACATGTGGATGCTACTATGAGCAGAACGAGCAGCCAACAGGAAGTGTGCT  
CGGTGTACTACTGGTGGCAACAGGTCCCTCGTTGCTAACCTTGCTGCCGCAATTTGTAAGAAAGAGA  
AGCACCTTGACCTGGAGCGGAAGTGGGTGTTGGTAGAGAAAGCCAGAGTTTACTACATAGCTGGCTTTT  
TCTCACAGTCTCCCCAGAGTCGGTATTGAAAGTGGCTCGCTATGCTGCCGAGAACAACAGGGTCTTCACT  
TTGAACCTGTCTGCACCGTTTATTAGCCAGTCTTCAAGGAAGCCTTGATGGACGTATGCCTTATGTTG  
ATATCCTCTTTGGAAATGAGACGGAAGCTGCCACTTTTGTAGAGAGCAAGGCTTTGAGACTAAAGACAT  
TAAAGAAATAGCCAAAAAGGCGCAGGCTCTTCCAAAGGTGAAGTGAAGAGGCAGAGGACCGTGATCTTC  
ACACAAGGGCGAGATGACACCATAGTGGCTGCAGAGAATGATGTCAGTCTTTTCTGTCTTGGATCAA  
ACCAGGAAGAGATCATTGACACCAATGGAGCTGGAGATGCATTTGTTGGAGGCTTTCTGTCTCAACTGGT  
CTCTGACAAGCCTCTGACTGAGTGCATCCGCGCTGGCCACTACGCAGCAAGCGTCATCATTAGACGAACT  
GGCTGTACCTTTCCGAGAAGCCAGACTTCCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_134079
<b>Insert Size:</b>	1086 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_134079.4</a></u> , <u><a href="#">NP_598840.1</a></u>
<b>RefSeq Size:</b>	1795 bp
<b>RefSeq ORF:</b>	1086 bp
<b>Locus ID:</b>	11534
<b>UniProt ID:</b>	<u><a href="#">P55264</a></u>
<b>Cytogenetics:</b>	14 A3
<b>Gene Summary:</b>	ATP dependent phosphorylation of adenosine and other related nucleoside analogs to monophosphate derivatives. Serves as a potential regulator of concentrations of extracellular adenosine and intracellular adenine nucleotides.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).