

## Product datasheet for **SC321874**

### ADCK1 (NM\_020421) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADCK1 (NM_020421) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADCK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_020421.2  
 GCGGCCGGAAGCCGGGCGCCGGCTCTGCTTCCTCGGGGATCTGGCGACATGGCCAGA  
 AAGGCTCTCAAGCTTGCCTCGTGGACCAGCATGGCTCTTGCTGCCTCTGGCATCTACTTC  
 TACAGTAAACAAGTACTTGGACCCATATGACTTTGGCGTGTCCAGGTGGGAGAGCAGTT  
 GCTACGACGGCTGTCATCAGTTACGACTACCTCACTTCCTGAAGAGTGTCCCTATGGC  
 TCAGAGGAGTACTGCAGCTGAGATCTAAGGTGCACCTTCGCTCTGCCAGGCGTCTGT  
 GAGCTCTGCTGTGCCAACCGGGGCACCTTCATCAAGGTGGGCCAGCACCTGGGGCTCTG  
 GACTACCTGTTGCCAGAGGAGTACACCAGCACGCTGAAGTACTGCACAGCCAGGCTCCA  
 CAGAGCAGCATGCAAGAGATCCGCCAGGTCATCCGAGAAGATCTGGGCAAGGAGATCCAT  
 GATTTGTTCCAGAGCTTCGATGACACCCCTCTGGGGACGGCTCCCTGGCCAGGTCCAC  
 AAGGCAGTGTGCATGATGGGCGACGGTGGCCGTGAAGTCCAGCACCCAAAGTGCAG  
 GCTCAGAGCTCGAAGGACATTCTCCTGATGGAGGTGCTCGTTCTGGCTGTGAAGCAGCTG  
 TTCCAGAGTTTGTAGTTTATGTGGCTTGTGGATGAAGCCAAGAAGAACCTGCCTTTGGAG  
 CTGGATTTCTCAATGAAGGGAGGAATGCTGAGAAGGTGTCCAGATGCTCAGGCATTTT  
 GACTTCTTGAAGTCCCGAATCCACTGGGACCTGTCCACGGAGCGGGTCTCCTGATG  
 GAGTTTGTGGATGGCGGGCAGGTCAATGACAGAGACTACATGGAGAGGAACAAGATCGAC  
 GTCAATGAGATCTCACGCCACCTGGGCAAGATGTATAGTGAGATGATCTTCGTAATGGC  
 TTCGTGCACTGCGATCCCCACCCGGCAATGTAAGTGGTGCAGGACCCCGGCACGGGA  
 AAGGCGGAGATTGCTCTGTTGGACCATGGGCTTACCAGATGCTCACGGAAGAATCCGC  
 CTGAATTACTGCCACCTCTGGCAGTCTCTGATCTGGACTGACATGAAGAGAGTGAAGGAG  
 TACAGCCAGCGACTGGGAGCCGGGATCTTACCCCTGTTTGCCTGCATGCTGACGGCG  
 CGATCGTGGGACTCGGTCAACAGAGGCATCAGCCAAGTCCCCTCACTGCCACTGAGGAC  
 TTAGAGATTCGCAACAACGCGGCCAACTACCTCCCCAGATCAGCCATCTCCTCAACCAC  
 GTGCCCGCCAGATGCTGCTCATCTTGAAGACCAACGACCTGCTGCGTGGCATTGAGGCC  
 GCCCTGGGACCCCGCCAGCGCCAGCTCCTTTCTCAACATGTCACGTTGCTGCATCAGA  
 GCGCTAGCTGAGCACAAGAAGAAGAAATACCTGTTCACTTTCAGAAAGACCCAGATCTCT  
 TTCAGCGAGGCCTTCACTTATGGCAGATCAACCTCCATGAGCTCATCCTGCGTGTGAAG  
 GGGTTGAAGTGGCTGACCGGTCTTGGCCCTAATATGCTGGCTGTTCCCTGCTCCACTC  
 TGAGTGAATTGCTCTCCTGCCCCATTCTGGTGTCTTCCACTCCTCAGCCCTCATCT  
 TGCTCCACCCAGCTGCTCCATTTTGGCACATCGTGGCCCGCAGCCCCAGAGTCACTGT  
 CCATGTACCATCCTCCTCCTTTGGAATCCTCTCCGCACACTGTGGCCCTTGTCTCA  
 GGGCCCAAGCTGAAGTGTGGCATAGCTCTCTTCTTCCAAGAAGACTCAGCAGCC  
 TACATTCCTTCCCTGGTATGTGCCATTGGGTGGATGTCCCACTACTTCCGTTAACCC  
 TTCCATTGTCAAGATGTGCCACGGGTGCCACTGGGGGCACACTGAAGTGTAGGGAGTG  
 TGATTTTGTGGAGGTGCACATGGTCTCTGAATTTGACAGAGAACACCTTCCCTTTCTT  
 GCCATGTACCCTCCAGAGGAAGTACACCTCAGCGAGGTGGTTTGGCATCTGGGGCCAA  
 CTCCATTACAGCTATGAGCTCACTGCTGTCAAGTACGTTTGGTGTCTTCTGACTGTGTT  
 TCAATAAAAACTCCTTCAAGGTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AA

**Restriction Sites:** Please inquire

**ACCN:** NM\_020421

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	<p>This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.</p>
<b>Components:</b>	<p>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).</p>
<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>	<a href="#">NM_020421.2</a> , <a href="#">NP_065154.2</a>
<b>RefSeq Size:</b>	2222 bp
<b>RefSeq ORF:</b>	1572 bp
<b>Locus ID:</b>	57143
<b>UniProt ID:</b>	<a href="#">Q86TW2</a>
<b>Cytogenetics:</b>	14q24.3
<b>Domains:</b>	ABC1
<b>Protein Families:</b>	Druggable Genome, Protein Kinase, Secreted Protein
<b>Gene Summary:</b>	<p>The function of this protein is not yet clear. It is not known if it has protein kinase activity and what type of substrate it would phosphorylate (Ser, Thr or Tyr).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>