

Product datasheet for **SC108116**

ADCK4 (COQ8B) (NM_024876) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADCK4 (COQ8B) (NM_024876) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADCK4
Synonyms:	ADCK4; NPHS9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC108116 sequence for NM_024876 edited (data generated by NextGen Sequencing)

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ATGTGGCTGAAGGTGGGGGGCCTACTTCGGGGGACCGGTGGACAGCTGGGCCAGACTGTT
GGTTGGCCTTGTGGGGCCTGGGGCCTGGGCCCCACCGCTGGGGACCATGTGGAGTTCT
TGGGCCAAAAGTTTTACCAGGATGGGCCTGGGAGAGGCTGGGTGAGGAGGACATTCGC
AGGGCACGGGAGGCCCGTCCCAGGAAGACACCCGGCCCCAGCTGAGTGACCGCTCTCGA
GAACGCAAGGTGCCTGCCCTCCCGCATCAGCCGCTTGCCCAACTTTGGGGGACTGGCTG
GGCTTGGGGCTAGGAGTACTGGCCGAGATGGCTAAGAAGTCCATGCCAGGAGTCTGCTG
CAGTCAGAGGGTGGTTCTGGGCTGGACTCCAGCCCTTCTGTGCGAGGCCAATGCCGAG
CGGATTGTGCAGACCTTATGTACAGTTCGAGGGGCCGCCCTCAAGTTGGCCAGATGCTC
AGCATCCAGGACAACAGCTTCATCAGCCCTCAGCTGCAGCACATCTTTGAGCGGGTCCGC
CAGAGCGCCGACTTCATGCCCGCTGGCAGATGCTGAGAGTCTTGAAGAGGAGCTCGGC
AGGGACTGGCAGGCCAAGGTGGCTCCTTGGAGGAGGTGCCCTTTGCCGCTGCCTCAATT
GGGCAGGTGCACCAGGGCTGCTGAGGGACGGGACGGAGGTGGCCGTGAAGATCCAGTAC
CCCGGCATAGCCAGAGCATTAGAGCGATGTCCAGAACCTGCTGGCAGTACTCAAGATG
AGCGCGGCCCTGCCCGGGCCTGTTTGCCGAGCAGAGCCTGCAGGCCTTGCAGCAGGAG
CTGGCTTGGGAGTGTGACTACCGTCTGAGGCGGCTTGTGCCAGAATTTAGNCAGCTG
CTGGCAAATGACCCCTTCTCCGGGTCCCAGCCGTGGTTAAGGAGCTGTGCACGACACGG
GTGCTGGGCATGGAGCTGGCTGGAGGGTCCCCCTGGACCAGTGCAGGGCCTAAGCCAG
GACCTGCGGAACAGATTTGCTTCCAGCTCCTGACGCTGTGTCTGCGGGAGCTGTTTGAG
TTCCGATTCATGCAGACTGACCCCAACTGGGCCAACTTCTGTATGATGCCTCCAGCCAC
CAGGTGACCCCTGCTGGACTTTGGTGCAAGCCGGGAGTTTGGGACAGAGTTCACAGACCT
TACATCGAGGTGGTGAAGCTGCAGCTGATGGAGACAGAGACTGTGCTCCTGCAGAAGTCC
AGGGACCTCAAATTCCTCACAGGCTTTGAAACCAAGGCATTCTCCGACGCCCCACGTGGAG
GCAGTGATGATCCTGGGGGAGCCTTTCGCCACCCAGGGCCCTTATGACTTTGGGTCGGGG
GAAACGGCCCGCCGATACAGGACCTCATCCCGGTGCTGCTGCGGCACCGGCTGTGTCC
CCACCCGAGGAGACCTATGCCCTGCACCGAAGCTGGCAGGGGCTTTCCTGGCCTGTGCC
CACCTCCGAGCCACATCGCCTGCAGGGACCTTCCAGGACACCTACCACCGCTACTGG
GCCAGTCGCCAGCCAGACGCAGCCACTGCCGGCAGCCTCCCACCAAGGGGACTCCTGG
GTGGATCCCTCATGA
    
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Clone variation with respect to NM_024876.3
768 g=>a;894 g=>n

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_024876 unedited
NCCCGCCCCGTTGCCGAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGA
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATT
CGGCACGAGGGTGAGCGGAAAACAGTTGGCAAGCAAGGCAATGTGGCTGAAGGTGGGGG
CCTACTTCGGGGGACCGGTGGACAGCTGGGCCAGACTGTTGGTTGGCCTTGTGGGGCCT
GGGGCCTGGGCCCCACCCTGGGGACCATGTGGAGTTCTTGGGCCAAAAGTTTTACCA
GGATGGGCTGGGAGAGGCTGGGTGAGGAGGACATTCGAGGGCACGGGAGGCCGCTCC
CAGGAAGACACCCGGCCCCAGCTGAGTGACCGCTCTCGAGAACGCAAGGTGCCTGCCTC
CCGCATCAGCCGCTTGGCCAACCTTGGGGGACTGGCTGTGGGCTTGGGGCTAGGAGTACT
GGCCGAGATGGCTAAGAAGTCCATGCCAGGAGTCTGCTGCAGTCAAGGGTGGTTCTGG
GCTGGACTCCAGCCCTTCTGTGCGGANGCCAATGCCGAGCGGATTGTGCAGACCTTATG
TACAGTTCGAGGGGCCCGCCTCAAGTTGCCAGATGCTCAGCATCCAGGTACAGCATGA
CCCTCGACTCCTGACCCCTGACCTNCTTCTACCCAGCCCTACCACCCAGGNCCTCA
ACTTCAGATACTCCACACGGGGTCCCTCCCTCACCTCTTCGCTTACTTTCCCCCTGGGT
CCACTGGTCTCCCAAGACAACAGCTTCATTAGCCCTCAGCTGGAGCACAATCTTTGAGCG
GGTCCGCCAGGAGCGCAACTTCATGCCCGGTGGCAAATGCTGAAAAGTCTTGAAGG
AACCTGGGAGGGACTGGCAGGCCAGGGTGGCTCCTTGAAGGAGGGCCCCCTTGGCCCTG
CCTCAT
    
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Restriction Sites:	NotI-NotI
ACCN:	NM_024876
Insert Size:	2500 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_024876.1 , NP_079152.1
RefSeq Size:	1949 bp
RefSeq ORF:	501 bp
Locus ID:	79934
UniProt ID:	Q96D53
Cytogenetics:	19q13.2
Domains:	ABC1
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	<p>This gene encodes a protein with two copies of a domain found in protein kinases. The encoded protein has a complete protein kinase catalytic domain, and a truncated domain that contains only the active and binding sites of the protein kinase domain, however, it is not known whether the protein has any kinase activity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>