OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC101296

ADCK5 (NM_174922) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADCK5 (NM_174922) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADCK5
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_174922, the custom clone sequence may differ by one or more nucleotides

ATGTGGCGACCGGTGCAGCTCTGTCATTTCCACTCTGCTCTGCTGCACAGCAGGCAGAAGCCCTGGCCGT
CCCCTGCTGTGTTCTTCAGGAGAAACGTCAGGGGCCTTCCTCCAAGGTTCTCCAGCCCCACACCCCTGTG
GAGGAAGGTGCTCTCCACCGCGGTAGTGGGGGCGCCCCTGCTCCTCGGAGCCCGCTATGTCATGGCAGAG
GCACGGGAGAAGAGGAGGATGCGGCTCGTGGTGGATGGCATGGGGCGCTTTGGCAGGTCTCTGAAGGTCG
GCCTGCAGATCTCCCTGGACTACTGGTGGTGCACCAATGTTGTCCTTCGAGGGGTGGAAGAGAACAGCCC
AGGCTACTTGGAGGTGATGTCTGCGTGTCACCAGCGGGCGGCTGATGCCCTGGTGGCAGGGGCCATCAGC
AACGGGGGCCTCTACGTGAAGCTGGGCCAGGGGCTGTGCTCCTTCAACCACCTGCTTCCCCCCGAGTATA
CCCGGACCCTGCGCGTGCTAGAGGACAGGGCCCTCAAGCGGGGCTTCCAGGAGGTGGATGAGTTGTTCCT
TGAGGACTTCCAGGCCCTCCCCCACGAGCTCTTCCAGGAGTTTGACTACCAGCCAATTGCTGCCGCCAGC
CTGGCACAGGTGCACAGAGCCAAGCTGCACGATGGCACCAGCGTGGCTGTGAAGGTGCAGTACATCGACC
TGCGGGACCGCTTTGATGGGGACATCCACACCCTGGAGCTCCTGCTGCGGCTCGTTGAGGTCATGCACCC
CAGCTTTGGCTTCAGCTGGGTCCTCCAGGACCTGAAGGGGACCCTGGCCCAGGAGCTGGACTTCGAGAAT
GAGGGCCGCAACGCAGAGCGCTGTGCGCGGGAGCTGGCGCACTTCCCCTACGTCGTGGTGCCCCGCGTGC
ACTGGGACAAGTCCAGCAAGCGCGTGCTCACTGCCGACTTCTGCGCCGGCTGCAAGGTCAACGATGTGGA
GGCCATCAGGAGCCAGGGGCTGGCAGTGCATGACATAGCAGAAAAGCTCATCAAGGCCTTTGCTGAGCAG
ATATTTTACACCGGCTTCATCCACTCGGACCCACATCCTGGCAACGTTCTGGTGCGGAAAGGCCCGGACG
GGAAAGCGGAGCTGGTGCTGCTGGACCACGGGCTCTACCAGTTCCTGGAGGAGAAGGACCGCGCAGCCCT
CTGCCAGCTGTGGCGGGCCATCATCCTGCGGGACGACGCCGCCATGAGGGCGCACGCAGCCGCACTGGGG
GTGCAAGACTACCTCCTGTTCGCCGAGATGCTCATGCAGCGCCCCGTGCGCCTGGGGCAGCTGTGGGGCT
CGCACCTACTGAGCCGCGAAGAGGCGGCCTACATGGTGGACATGGCCCGCGAGCGCTTCGAGGCCGTCAT
GGCGGTGCTCAGGGAGCTGCCGCGGCCCATGCTGCTGGTGCTGCGCAACATCAACACCGTGCGCGCTATC
AACGTGGCCCTCGGCGCCCCCGTGGACCGCTACTTCCTTATGGCTAAAAGGGCTGTCCGGGGCTGGAGCC
GCCTGGCGGGCGCCACGTATCGGGGTGTCTACGGCACCAGCCTCCTGCGCCACGCCAAGGTCGTCTGGGA
GATGCTCAAGTTTGAAGTGGCGCTCAGGCTGGAGACCTTGGCCATGCGGCTGACCGCCCTCCTGGCTCGT
GCTCTGGTCCACCTGAGCCTCGTGCCCCCAGCGGAGGAGCTCTACCAGTACCTGGAGACCTAG

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_174922 unedited
AATACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGGTGGAGGCCATCAGGAGCC
AGGGGCTGGCAGTGCATGACATAGCAGAAAAGCTCATCAAGGCCTTTGCTGAGCAGATAT
TTTACACCGGCTTCATCCACTCGGACCCACATCCTGGCAACGTTCTGGTGCGGAAAGGCC
CGGACGGGAAAGCGGAGCTGGTGCTGCTGGACCACGGGCTCTACCAGTTCCTGGAGGAGA
AGGACCGCGCAGCCCTCTGCCAGCTGTGGCGGGCCATCATCCTGCGGGACGACGCCGCCA
TGAGGGCGCACGCAGCCGCACTGGGGGTGCAAGACTACCTCCTGTTCGCCGAGATGCTCA
TGCAGCGCCCCGTGCGCCTGGGGCAGCTGTGGGGCTCGCACCTACTGAGCCGCGAAGAGG
CGGCCTACATGGTGGACATGGCCCGCGAGCGCTTCGAGGCCGTCATGGCGGTGCTCAGGG
AGCTGCCGCGGCCCATGCTGCTGGTGCTGCGCAACATCAACACCGTGCGCGCTATCAACG
TGGCCCTCGGCGCCCCCGTGGACCGCTACTTCCTTATGGCTAAAAGGGCTGTCCGGNGCT
GGAGCCGCCTGGCGGGCGCCACGTATCGGGGTGTCTACGGCACCAGCCTCCTGCGCCACG
CCAAGGTCGTCTGGGAGATGCTCAAGTTTGAAGTGGCGCTCAGGCTGGAGACCTTGGCCA
TGCNGCTGACCGCCCTTCTGGCTCGTGCTCTGGTCCACCTGAGCCTCGTGCCCCAGCGGG
AGAGCTCTACCAGTACCTGGAGACCTAGGNTGCAGNCGNCCCAGGCCCGCGGNGCCCTTN
TCACCTTGGCTGACNNGAGGTGCNGGCTTAAAAGTGTAAACACCCGAGCCCCGTGGCACT
CCACTGGNGGGCTGTGCANCANCTGGCCAGNAGCCTGGTATGACACACACTCCTCAGCAN
NAAAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_174922 unedited
GGGGAATTTACTNTGNACCGCGGCCCTTATNCNANGATCGGATTTTTTTTTTTTTTTTT
GCTTGAGAGAGTGTGTGGTCATTACACGGCCTCCTGGCCCAGCTGCTGTCACAGCCCCCC
AGTGCGAGTGCCCACGGGGCTCGGGGTGTCTACACCTCTAGCCCCGCCACCTCCGTCAGC
CCAAGGTGAAAAGGGCCCCGCCGGCCCTGGGCGGCTGCTCCCTAGGTCTCCAGGTACTGG
TAGAGCTCCTCCGCTGGGGGCACGAGGCTCAGGTGGACCAGAGCACGAGCCAGGAGGGCG
GTCAGCCGCATGGCCAAGGTCTCCAGCCTGAGCGCCACTTCAAACTTGAGCATCTCCCAG
ACGACCTTGGCGTGGCGCAGGAGGCTGGTGCCGTAGACACCCCGATACGTGGCGCCCGCC
AGGCGGCTCCAGCCCCGGACAGCCCTTTTAGCCATAAGGAAGTAGCGGTCCACGGGGGCG
CCGAGGGCCACGTTGATAGCGCGCACGGTGTTGATGTTGCGCAGCACCAGCAGCATGGGC
CGCGGCAGCTCCCTGAGCACCGCCATGACGGCCTCGAAGCGCTCGCGGGCCATGTCCACC
ATGTAGGCCGCCTCTTCGCGGCTCAGTAGGTGCGAGCCCCACAGCTGCCCCAGGCGCACG
GGGCGCTGCATGAGCATCTCGGCGAACAGGAGGTAGTCTTGCACCCCCAGTGCGGCTGCG
TGCGCCCTCATGGCGGCGTCGTCCCGCAGGATGATGGCCCGCCACAGCTGGCAAAGGGCT
GCGCGGTCCTTCTCCTTCAGGAACTGGTAGAGCCCGTGGTCCAACAGCACCAGCTTCGCT
TTCCCGTCCGGGCCTTTCCGCACCCAAACGTTGCCCGGATGTGGGTTCCATGGG

Restriction Sites: NotI-NotI

ACCN: NM_174922

Insert Size: 1000 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:
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_174922.1, NP_777582.1

RefSeq Size: 2001 bp

RefSeq ORF: 2001 bp

Locus ID: 203054

UniProt ID: Q3MIX3

Cytogenetics: 8q24.3

Protein Families: Druggable Genome, Protein Kinase

Gene Summary: 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]