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Product datasheet for SC120143

ADCK2 (NM_052853) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADCK2 (NM_052853) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADCK2
Synonyms:	AARF
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF sequence for NM_052853 edited
ATGGTGGCGCCCTGGCGCGTCTCCGTCAGGGTTTGCCTGTCGCACCTGAGGTGCTTCGAG
CTCAGACAGGGACTCAGCCTCCTGAGGCCCTCCGAGTGCCCTCGCGATGCCAGGCTCTGC
TGGCTTCTGCTGGGCACTTTGCCCAAGGTCGTCTCCCTGTGCGGGGACGTGGGTGAGGGG
GCCCCTGACGTTCTGAGTCGGCGAAGGGTCCGCTGCAGCGGGGCGGCTGGCGCGGGGCCC
GCGGAGAGCCTCCCCCGAGCGGGACCTCTGGGCGGCGTCTTCCTGCATCTCCGCCTCTGG
CTTCGCGCCGGCGCTCTGTTGGTGAAATTCTTCCCCCTCCTACTCCTCTACCCCCTCACC
TACCTGGCTCCCAGCGTCTCCACCCTCTGGCTCCACCTGCTTCTGAAAGCCACCGAGACC
TCAGGCCCAACCTACATCAAACTGGGCCAGTGGGCCAGCACCCGGCGCGATCTGTTTTCG
GAGGCTTTCTGTGCCCAATTTTCCAAGCTGCATGTCCGAGTGACGCCCCACCCGTGGACT
CACACTGAGCGCTTCCTTCGGCAGGCTTTTGGGGATGACTGGGGGAGCATCCTCTCTTTT
GAGAACCGGGAACCTGTGGGCTCAGGCTGCGTGGCCCAGGTGTACAAAGCATACGCCAAC
ACTGCCTTCCTGGAGACTGACAGCGTCCAGAGACTTGGCAGGGCCTCCTGTCTGCCGCCC
TTCTCACATACTGGGGCAGTCGGTGGGCTGAGAGAGCTCTTTGGATACCTTGGAAATGGC
CGGAAACCTCCAGAAAATCTCGCAGACCAGTCGTTTCTAGAAAGGCTGCTCCTCCCTAAA
GCTGACCTGGTTGGATCAAATGCAGGGGTGTCTCGGGCTCAGGTCCCTGGCCACCAACCT
GAGGCCACCAACCTCATCTCCGTGGCAGTGAAAGTGTTGCACCCTGGCCTGCTCGCTCAG
GTGCATATGGACCTGCTGCTGATGAAGATTGGCAGCCGAGTCCTGGGAGTTTTGCCAGGC
ATCAAGTGGCTTAGCTTGCCTGAGATTGTGGAGGAATTTGAGAAGCTGATGGTCCAACAG
ATTGACCTGCGTTACGAAGCTCAGAATCTAGAACACTTCCAGGTCAACTTCCGGAATGTG
AAAGCCGTCAAGTTCCCCACCCCTCTGCGCCCCTTTGTCACCAGAGAAGTCTTGGTGGAA
ACGTATGAAGAGAGTGTGCCTGTGTCCAGTTACCAGCAGGCAGGAATTCCCGTGGACTTG
AAAAGGAAGATTGCACGGCTGGGGATCAACATGCTCCTGAAGATGATATTTGTGGATAAC
TTTGTCCATGCAGACCTTCACCCTGGAAACATCCTGGTTCAGGGTGCCAACGGCCTGTCC
TCGAGTCAGGAGGCGCAGCTGCAGCAGGCGGACATCTGTGACACTCTGGTGGTGGCCGTG
CCATCTTCCCTCTGCCCGCTGCGACTGGTGCTGCTGGATGCTGGCATTGTGGCGGAGCTG
CAGGCCCCTGACCTGAGGAATTTCCGGGCAGTTTTCATGGCTGTGGTGATGGGGCAGGGC
CAGAGAGTGGCTGAGCTGATCCTGCATCATGCCCGGGCCAGCGAGTGCAGGGACGTGGAG
GGGTTCAAAACCGAGATGGCCATGCTGGTGACCCAGGCCAGGAAGAACACCATCACCCTG
GAGAAGCTTCATGTGTCCAGCCTTCTCTCTAGTGTCTTTAAGTTGCTGATGACTCACAAG
GTAAAGCTTGAGAGCAACTTTGCCTCCATTGTGTTTGCCATCATGGTGTTGGAGGGGCTT
GGCCGCTCACTGGACCCCAAACTGGACATCCTGGAGGCAGCGAGGCCCTTCCTCCTCACG
GGCCCAGTGTGCCCCCCGTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_052853 unedited
NNNCCACGTTCGCAATATTTGTATACGACTCACTATAGGGCGGCCGCGCCTCTGAATGGA
GGGCGGGCCGCCTGGGCCGCGGGCCTCGGGAGGATGGTGGCGCCCTGGCGCGTCTCCGTC
AGGGTTTGCCTGTCGCACCTGAGGTGCTTCGAGCTCAGACAGGGACTCAGCCTCCTGAGG
CCCTCCGAGTGCCCTCGCGATGCCAGGCTCTGCTGGCTTCTGCTGGGCACTTTGCCCAAG
GTCGTCTCCCTGTGCGGGGACGTGGGTGAGGGGGCCCCTGACGTTCTGAGTCGGCGAAGG
GTCCGCTGCAGCGGGGCGGCTGGCGCGGGGCCCGCGGAGAGCCTCCCCCGAGCGGGACCT
CTGGGCGGCGTCTTCCTGCATCTCCGCCTCTGGCTTCGCGCCGGCGCTCTGTTGGTGAAA
TTCTTCCCCCTCCTACTCCTCTACCCCCTCACCTACCTGGCTCCCAGCGTCTCCACCCTC
TGGCTCCACCTGCTTCTGAAAGCCACCGAGACCTCAGGCCCAACCTACATCAAACTGGGC
CAGTGGGCCAGCACCCGGCGCGATCTGTTTTCGGAGGCTTTCTGTGCCCAATTTTCCAAG
CTGCATGTCCGAGTGACGCCCCACCCGTGGACTCACACTGAGCGCTTCCTTCGGCAGGCT
TTTGGGGATGACTGGGGGAGCATCCTCTCTTTTGAGAACCGGGAACCTGTGGGCTCANGC
TGCGTGGCCCCAGTGTACAAAGCATACGCCAACACTGCCTTCCTGGAGACTGACAGCGTC
CAGAGACTTGGCAGGGCCTNCTGTCTGCCGCCCTTCTACATACTGGNNGCAGTCGTGGGC
TGAGAGAGCTCTTGGNATACCNTNGNAATGGCCGNAACCTNCAGAAATCTCGCAGACAGT
CGTTCTAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_052853 unedited
NNNAAATTCGTGNACCGCGCCGCATTCTANNATCGAGTTTTTTTTTTTTTTTTTTTGAAA
ACAAAAAAATTTATTCGTCCTCCTCCACATAACATTTTCCCTGAAGGAGAGTGTCCCTGG
CACCTGGCCCAGCTTCCACAATGGAATGGATAGGCCCCTTCCCTCCTTTTACTCCCTAAT
TGGCCCAAAGCTTTTGAACAGACCCTCAAACCAAGCAGAGGAAGCCATGGTGTGCCTTCC
ACCACTGGAGGGTTACATTTGAAATTGGTGTCCCAATTTTAAAACGTCCCAGCTGCCATA
GGAGAGGCTCTTGGGAGTGGCCTCCAGCTCTTGACAAGGGCCCACAGAGGCCACTGCCCC
ATCACGGGGGGCACACTGGGCCCGTGAGGAGGAAGGGCCTCGCTGCCTCCAGGATGTCCA
GTTTGGGGTCCAGTGAGCGGCCAAGCCCCTCCAACACCATGATGGCAAACACAATGGAGG
CAAAGTTGCTCTCAAGCTTTACCTTGTGAGTCATCAGCAACTTAAAGACACTAGAGAGAA
GGCTGGACACATGAAGCTTCTCCAGGGTGATGGTGTTCTTCCTGGCCTGGGTCACCAGCA
TGGCCATCTCGGTTTTGAACCCCTCCACGTCCCTGCACTCGCTGGCCCGGGCATGATGCA
GGATCAGCTCAGCCACTCTCTGGCCCTGCCCCATCACCACAGCCATGAAAACTGCCCGGA
AATTCCTCAGGTCAGGGGCCTGCAGCTCCGCCACAATGCCAGCATCCAGCAGCACCAGTC
GCAGCGGGCAGAGGGAAGATGGCACGGCCACCACCAGAGTGTCACAGATGTCCGCCTGCT
GCAGCTGCGCCTCCTGACTCGAGGACAGGCCGTTGGCACCCTGACCAGGATGTTNCCAGG
TGAAGGTCTGCATGGACC

Restriction Sites: NotI-NotI

ACCN: NM_052853

Insert Size: 2250 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_052853.3, NP_443085.2

RefSeq Size: 2376 bp

RefSeq ORF: 1881 bp

Locus ID: 90956

UniProt ID: Q7Z695

Cytogenetics: 7q34

Domains: ABC1

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]