

Product datasheet for **SC325138**

ADCK4 (COQ8B) (NM_001142555) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADCK4 (COQ8B) (NM_001142555) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADCK4
Synonyms:	ADCK4; NPHS9
Vector:	<u>pCMV6 series</u>

Fully Sequenced ORF: >NCBI ORF sequence for NM_001142555, the custom clone sequence may differ by one or more nucleotides

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ATGTGGCTGAAGGTGGGGGCTACTTCGGGGACCGGTGGACAGCTGGGCCAGACTGTT
GGTTGGCCTTGTGGGGCCTGGGGCCTGGGCCACCGCTGGGGACCATGTGGAGTTCT
TGGGCCAAAAAGTTTTACCAGGATGGGCCTGGGAGAGGCCTGGGTGAGGAGGACATTCG
AGGGCACGGGAGGCCCGTCCCAGGAAGACACCCGGCCCCAGCTGAGTGACCGCTCTCGA
GAACGCAAGGTGCCTGCCTCCCGCATCAGCCGCTTGGCCAACCTTGGGGACTGGCTGTG
GGCTTGGGGCTAGGAGTACTGGCCGAGATGGCTAAGAAGTCCATGCCAGGAGTCTGCTG
CAGTCAGACAACAGCTTTCATCAGCCCTCAGCTGCAGCACATCTTTGAGCGGGTCCGCCAG
AGCGCCGACTTTCATGCCCGCTGGCAGATGCTGAGAGTTCTTGAAGAGGAGCTCGGCAGG
GACTGGCAGGCCAAGGTGGCCTCCTTGGAGGAGGTGCCCTTTGCCGCTGCCTCAATTGGG
CAGGTGCACCAGGGCCTGCTGAGGGACGGGACGGAGGTGGCCGTGAAGATCCAGTACCC
GGCATAGCCCAGAGCATTAGAGCGATGTCCAGAACCTGCTGGCGGTACTCAAGATGAGC
GCGGCCCTGCCCGCGGGCCTGTTTGCAGAGCAGAGCCTGCAGGCCTTGCAGCAGGAGCTG
GCTTGGGAGTGTGACTACCGTCGTGAGGCGGCTTGTGCCAGAATTTAGGCAGCTGCTG
GCAAATGACCCCTTCTCCGGTCCCAGCCGTGGTTAAGGAGCTGTGCACGACACGGGTG
CTGGGCATGGAGCTGGCTGGAGGGTCCCCTGGACCAGTGCAGGGCCTAAGCCAGGAC
CTGCGGAACCAGATTTGCTTCCAGCTCCTGACGCTGTGTCTGCGGGAGCTGTTTGAGTTC
CGATTCATGCAGACTGACCCCAACTGGGCCAACTTCTGTATGATGCCTCCAGCCACCAG
GTGACCCTGCTGGACTTTGGTGAAGCCGGGAGTTTGGGACAGAGTTCACAGACCATTAC
ATCGAGGTGGTGAAGGCTGCAGCTGATGGAGACAGAGACTGTGTCTGCAGAAGTCCAGG
GACCTCAAATTCCTCACAGGCTTTGAAACCAAGGCATTCTCCGACGCCACGTTGGAGGCA
GTGATGATCCTGGGGGAGCCTTTCGCCACCCAGGGCCCTATGACTTTGGGTCGGGGGAA
ACGGCCCCCGCATACAGGACCTCATCCCGGTGCTGCTGCGGCACCGGCTGTGTCCCCCA
CCCAGGAGACCTATGCCCTGCACCGCAAGCTGGCAGGGGCTTTCCTGGCCTGTGCCAC
CTCCGAGCCACATCGCCTGCAGGGACCTTCCAGGACACCTACCACCGCTACTGGGCC
AGTCGCCAGCCAGACGCAGCCACTGCCGCGAGCCTCCCCACAAAGGGGACTCCTGGGTG
GATCCCTCA

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Restriction Sites:	Please inquire
ACCN:	NM_001142555



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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).
OTI Annotation:	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.
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_001142555.1 , NP_001136027.1
RefSeq Size:	2057 bp
RefSeq ORF:	1512 bp
Locus ID:	79934
UniProt ID:	Q96D53
Cytogenetics:	19q13.2
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 (2) differs in the 5' UTR and lacks an alternate in-frame exon, compared to variant 1. The resulting isoform (b) is shorter than isoform a.</p>