

Product datasheet for **SC111994**

DCAKD (NM_024819) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCAKD (NM_024819) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCAKD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111994 sequence for NM_024819 edited (data generated by NextGen Sequencing)

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ATGTTTCTGGTGGGCCTGACAGGGGGCATTGCCTCAGGCAAGAGCTCAGTGATCCAGGTG
TTCCAGCAGCTGGGCTGTGCGGTGATTGACGTGGACGTGATGGCCCGGCACGTCGTGCAG
CCAGGATACCCTGCCACCGGCGCATCGTAGAGGTCTTCGGCACTGAGGTCTTGCTGGAG
AACGGCGACATAAATCGCAAGGTCCTGGGGGACCTGATCTTTAACCAGCCTGACCGGCGG
CAGCTGCTCAACGCCATCACCCACCCGAGATTCGCAAGGAGATGATGAAGGAGACGTTT
AAGTACTTCTCCGGGGATACCGCTACGTGATTCTGGATATCCCCCTGCTGTTTGAGACC
AAGAAGTTGCTCAAGTACATGAAGCACACCGTGGTAGTATACTGCGACCGGGACACACAG
CTGGCACGGCTGATGCGGCGAACAGCCTGAACCGCAAGGACGCAGAGGCCCGCATCAAT
GCCCAGCTGCCCTGACAGACAAGGCCCGCATGGCCCGCCATGTCCTAGACAACCTCGGGC
GAGTGGAGTGTCACCAAACGCCAGGTCATCCTCTTGACACTGAGCTGGAGCGCTCCCTG
GAGTACCTGCCGCTGAGGTTTGGGGTCCTCACAGGGCTCGCTGCCATTGCCAGCCTCCTC
TACCTGCTCACCCACTACCTTCTGCCTTACGCCTAG
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Clone variation with respect to NM_024819.4



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024819 unedited NNGGGTTCGAATTTGTATACGACTCCTATAGGCGGCCCGGAATCGGCACGAGCCGGGA GGGGCGGGCCCTGGCCGCGGCTGCTACGCGGGCTGCCACCGCCCGGGCGACCAATT TCGCGGCTAGTGGGCGTACGGGCTCTTTTAAAGCCTGAGTTACGATGATTGAGCG CGTCGATGCGGCCAGCACTAAGTCTCTGCACTCCTCTGGTGGACCGCCCATCG GCCACACTTGCCTGCTCTCCAGTGATTCTGTAGCTCTGGTCCGTAGTCTCGGGACA GCTCTCTTCTGGAAGATGTTTCTGGTGGGCTGACAGGGGGCATTGCCTCAGGCAAGA GCTCAGTGATCCAGGTGTTCCAGCAGCTGGGCTGTGCGGTGATTGACGTGGACGTGATG CCCGGCACGTCGTGCAGCCAGGATACCCTGCCACCGGCATCGTAGAGGTCTTCGGCA CTGAGGTCTTGCTGGAGAACGGCGACATAAATCGCAAGGTCTGGGGACCTGATCTTTA ACCAGCCTGACCGGCGGAGCTGCTCAACGCCATCACCCACCGGAGATTCGCAAGGAGA TGATGAAGGAGACGTTCAAGTACTTCTCCGGGATACCGCTACGTGATTCTGGATATCC CCCTGCTGTTTGAGACCAAGAAGTTGCTCAAGTACATGAAGCACACCGTGGTAGTACT GCGACCGGACACACAGCTGGCAGGCTGATGCGGCGAAGCAGCCCTGACCGCAGNACG CAGAGGCCGCATCAATGCCAGCTGCCCTGACAGACAAGGCCCGCATGCCNNGCATG TNNCTAGACACTCGGCGAGTGGAGTGTACCAAACGCCAGTCATNCTCTTGCCACTGAGCT GGAGCGCTCCTGNANACA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024819 unedited TCTGGGGCATTTCAGTTTAAACACTTTATTAACACCAACGCGGGCCAGGCTCTGCACT AAGAACACAGAGATGAATAAGACACTGTCCCTGTCCCTAGAGGGTTACAGTCTAGTAGG AAAAACCAGGCAAGTTTCGGCTAATTACTGTACTGTTGGATTAAGGTAAGTAAATGTTGAGG GGAGTTGGTATCCTAGACCACCTAACCAGCCTGGGCTTTAGACAGTGCCTGAAGTACTGAG AGCTGTTGTAGTTAAAAAAGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGG TAAAAGGTATCCAGGCCAGGAGCAGCAGGTTGAAGGCACAGAGGCAAGGCAAGGCAAGG ATGGTGTACACGAATACCAAGAGGTCCAGGCGAGAAGCAGGGTGGCAGGCAATAACCA GGATGTGGGAGCACTCCACAAACCTACGTGGGAGAGGGGTCTCCACAAACAGGCTGCA CCTGCCTGCCTACACCGTTCCACAAACAGAACCTTGTGCTTGTGGCCACACAACT ACTGGGGGGCCGAGTCTCTCTTCCACCTCCCCCCTCCCGCACGCTATCTTTCC CCGCCCCCTGTTGTTTTCTCCCCCTGTCTCACTCCCCCTCCCCTCACATATAA CTCGCAAGCGCCCAACACCCCTCTTTCTTTTCCCCCGCCTCCGTTTCCCTCT CCCCCGCTCTCCCTATCCTCTCTCTCCCTCTCCGCGCCCTTATCTCATCGTCCCTN TCTCTCCCTCCCGCCTAAGTACTTTCTCTGCTCTTTCGTCTTCCCGTGTGCGC GCCTTTGTCCCCTCCCCTCCACCTCATCCCCACGCCACCCACCTTATCATGCTTT CGCTCCTCCTTATATTTACCACTCCCANCTCGCCCCGATCATGCCCGCCCGTCT TCGCCCCGCTCCATTTGCCACCTCGCCGCTTACCAGTACCTTCTTTCTTT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_024819
Insert Size:	2000 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_024819.3](#), [NP_079095.2](#)

RefSeq Size: 2070 bp

RefSeq ORF: 696 bp

Locus ID: 79877

UniProt ID: [Q8WVC6](#)

Cytogenetics: 17q21.31

Domains: CoaE

Protein Families: Transmembrane