

Product datasheet for RC201269

DCAKD (NM_024819) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: DCAKD (NM_024819) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: DCAKD
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RC201269 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTCTGGTGGGCTGACAGGGGGCATTGCCTCAGGCAAGAGCTCAGTGATCCAGGTGTTCCAGCAGC
 TGGGCTGTGCGGTGATTGACGTGGACGTGATGGCCCGGCACGTGTCGAGCCAGGATACCCCTGCCACCC
 GCGCATCGTAGAGGTCTTCGGCACTGAGGTCTTGCTGGAGAATGGCGACATAAATCGCAAGTCTGGGG
 GACCTGATCTTTAACCAGCCTGACCGCGGCAGCTGCTCATCGCCATCACCCACCCGAGATTCGCAAGG
 AGATGATGAAGGAGACGTTCAAGTACTTCTCCGGGGATACCGCTACGTGATTCTGGATATCCCCCTGCT
 GTTTGAGACCAAGAAGTTGCTCAAGTACATGAAGCACACCGTGGTAGTATACTGCGACCGGGACACACAG
 CTGGCACGGCTGATGCGGCGGAACAGCCTGAACCGCAAGGACGCAGAGGCCCGCATCAATGCCAGCTGC
 CCCTGACAGACAAGGCCCGCATGGCCCGCCATGTCTAGACAACCTCGGGCGAGTGGAGTGTACCAAACG
 CCAGGTCACTCTTGCACACTGAGCTGGAGCGCTCCCTGGAGTACCTGCCGCTGAGGTTTGGGTCTCT
 ACAGGGCTCGTGCCATTGCCAGCCTCTTACCTGCTCACCCACTACCTTCTGCCTTACGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC201269 protein sequence
 Red=Cloning site Green=Tags(s)

MFLVGLTGGIASGKSSVIQVFQQLGCAVIDVDVMARHVVPQPGYPAHRRIVEVFGTEVLENGDINRKVLG
 DLIFNQDPRRQLLIAITHPEIRKEMMKETFKYFLRGYRYVILDIPLLFETKLLKYMKHTVVVYCDRDTQ
 LARLMRRNSLNRKDAEARINAQLPLTDKARMARHVLDNSGEWSVTKRQVILLHTELESLYPLRFGLV
 TGLAAIASLLYLLTHYLLPYA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Chromatograms: https://cdn.origene.com/chromatograms/mk6771_b06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024819

ORF Size: 693 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: 2137 bp

RefSeq ORF: 696 bp

Locus ID: 79877

UniProt ID: [Q8WVC6](#)

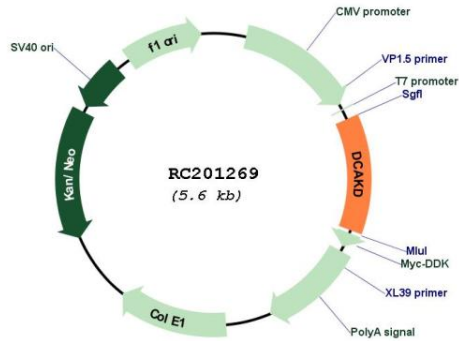
Cytogenetics: 17q21.31

Domains: CoaE

Protein Families: Transmembrane

MW: 26.5 kDa

Product images:



Circular map for RC201269