

Product datasheet for RC236758

DCAKD (NM_001288654) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DCAKD (NM_001288654) 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: >RC236758 representing NM_001288654
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTCTGGTGGGCTGACAGGGGGCATTGCCTCAGGCAAGAGCTCAGTGATCCAGGTGTTCCAGCAGC
TGGGCTGTGCGGTGATTGACGTGGACGTGATGGCCCGGCACGTGTCGAGCCAGGATACCCCTGCCACCC
GCGCATCGTAGAGGTCTTCGGCACTGAGGTCTTGCTGGAGAATGGCGACATAAATCGCAAGTCTTGGGG
GACCTGATCTTTAACCAGCCTGACCGCGGCAGCTGCTCATCGCCATCACCCACCCGAGATTCGCAAGG
AGATGATGAAGGAGACGTTCAAGTACTTCTCCGGGATACCGCTACGTGATTCTGGATATCCCCCTGCT
GTTTGAGACCAAGAAGTTGCTCAAGTACATGAAGCACACCGTGGTAGTATACTGCGACCGGACACACAG
CTGGCACGGCTGATGCGGCGGAACAGCCTGAACCGCAAGGACGCAGAGGCCCGCATCAATGCCAGCTGC
CCCTGACAGACAAGGCCCGCATGGCCCGCCATGTCTAGACAACCTCGGGCGAGTGGAGTGTACCAAACG
CCAGGTCACTCTTGCACACTGAGCTGGAGCGCTCCCTGGAGTACCTGCCGCTGAGGTTTGGGTCTCT
ACAGGGCTCGTGCCATTGCCAGCCTCTTACCTGCTCACCCACTACCTTCTGCCTTACGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236758 representing NM_001288654
Red=Cloning site Green=Tags(s)

MFLVGLTGGIASGKSSVIQVFQQLGCAVIDVDVMARHVVPQGYPAHRRIVEVFGTEVLENGDINRKVLG
DLIFNQDPRRQLLIAITHPEIRKEMMKETFKYFLRGYRYVILDIPLLFETKLLKYMKHTVVVYCDRDTQ
LARLMRRNSLNRKDAEARINAQLPLTDKARMARHVLDNSGEWVTKRQVILLHTELESLLEYLPLRFGLV
TGLAAIASLLYLLTHYLLPYA

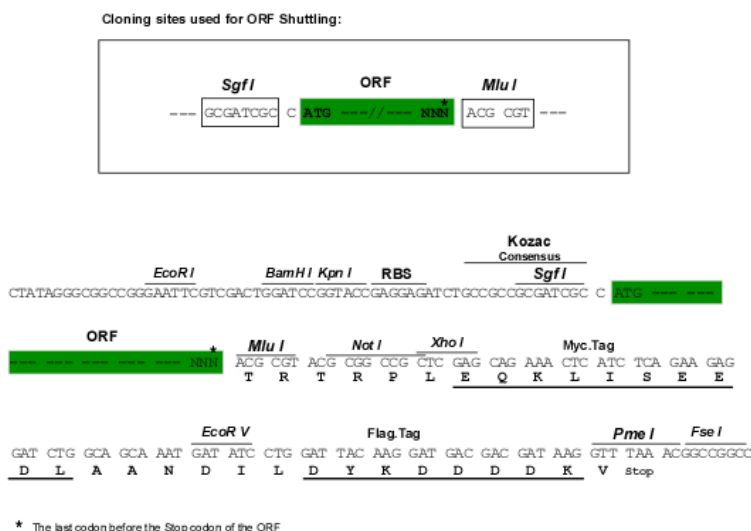
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001288654

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_001288654.2](#)

RefSeq Size: 2140 bp

RefSeq ORF: 696 bp

Locus ID: 79877

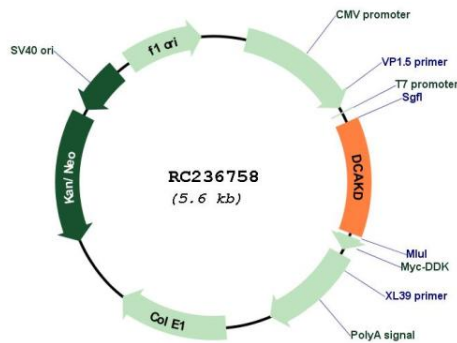
UniProt ID: Q8WVC6

Cytogenetics: 17q21.31

Protein Families: Transmembrane

MW: 26.5 kDa

Product images:



Circular map for RC236758