

## Product datasheet for **RR203970**

### **Dck (NM\_024158) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dck (NM\_024158) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Dck  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR203970 representing NM\_024158  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCCACCCACCTAAGAGTTCTGCTCTTCTCCCTCAACCAGCTCTGAGGGGACCCGCATCAAGAAGA  
TCTCCATCGAAGGAACATCGCTGCCGGGAAGTCAACGTTTGTGAATATCTTAAAGCAAGTCTGTGAGGA  
TTGGGAAGTGGTTCCTGAGCCTGTGGCCAGGTGGTGAATGTGCAGAGTACCCAAGATGAGTTTGAGGAG  
TTGACAACATCTCAGAAGAGTGGTGGGAATGTTCTTCAGATGATGTATGAGAAACCTGAGCGGTGGTCTT  
TTATCTTCCAATCATACGCCTGTCTCAGCCGGATCCGGGCCAGCTTGCCTCTCTCAACGGCAGCCTCAG  
GGATGCAGAGAAACCTGTATTATTTTTGAACGATCTGTGTATAGTGACAGGTATATTTTCGCATCTAAT  
TTGTATGAATCTGACTGCATGAATGAAACAGAATGGACAATATCAAGACTGGCATGACTGGATGAATA  
GCCAGTTTGGCCAAAGCCTTGAATTGGATGGAATAATTTATCTTCGAGCTACTCCAGAGAAGTGCTTAA  
TAGAATATATACGGGGAAGGGATGAAGAGCAAGGCATTCTCTTGAATATTTAGAGAACTTCACTAT  
AAACACGAAAGCTGGCTCCTTCATCGGACTCTGAAAACCAACTTGAATATCTCCAAGAGGTGCCTATCC  
TCACATTGGATGTTAATTTAGACTTTAAAGACAAAGAAGAAAGTCTGGTTGAAAAGGTCAAAGAGTTTTT  
GAGTACTACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR203970 representing NM\_024158  
 Red=Cloning site Green=Tags(s)

MATPPKRFCCSPSTSSEGTRIKKISIEGNIAAGKSTFVNILKQVCEDWEVPEPVARWCNVQSTQDEFEE  
 LTTSQKSGGNVLQMMYEKPERWSFIFQSYACL SRIRAQLASLNGSLRDAEKPVLFERSVYSDRYIFASN  
 LYESDCMNETEWIYQDWHDMNSQFGQSLELDGIIYLRATPEKCLNRIYIRGRDEEQGIPLEYLEKLHY  
 KHESWLLHRTLKTNFEYLQEVPIILTDVNLD FKDKKEESLVEKVKEFLSTT

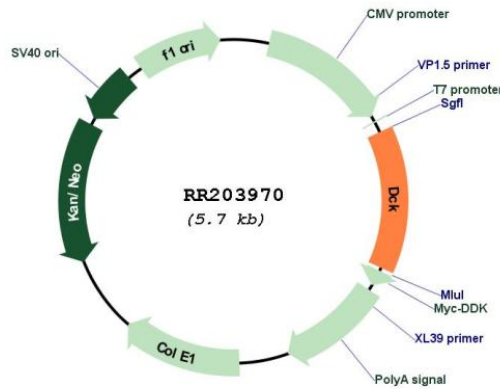
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_024158

ORF Size: 780 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_024158.1</a> , <a href="#">NP_077072.1</a>
<b>RefSeq Size:</b>	950 bp
<b>RefSeq ORF:</b>	783 bp
<b>Locus ID:</b>	79127
<b>UniProt ID:</b>	<a href="#">P48769</a>
<b>Cytogenetics:</b>	14p22
<b>MW:</b>	30.4 kDa
<b>Gene Summary:</b>	kinase that phosphorylates several deoxyribonucleosides and their nucleoside analogs [RGD, Feb 2006]