

Product datasheet for **RR216393**

Cd84 (NM_001192006) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd84 (NM_001192006) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cd84
Synonyms: RGD1564553
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216393 representing NM_001192006
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAAGAAAAAATCCAAGACACAGGATGAGCAGTGTCTGAGGAAGTTCCTCAGGTCTGAAGCAATAG
AAAGAGAGCCAGACTGTTTCGATGGTGTCTAAATGGGATTCTTGGGAGTCAGTTACTCTCCCGTAGATAT
TAAAGATGGCCAGAAAATTAATAACATTGCCTGGACTTCTAAATCATCTGTTGCTTTTGTAAACCAAAA
GTCGGAGGACATGAACCTACCGTAACCCAGGACATTTATAAAGGAGGACTAGAAGTCACAAATCAGACCT
ATAACCTGATCATTAGAAACCTGAGGATGAAAGATGCAGGTACTTACAAAGCAGACATCAATGAAAAGAA
CCGTGAGAAAACCATCACCAAGATCTACTGCCTTCAAATCTACTCTCGGCTGGCAAAACCAAAATTACA
AAGAGTTCATAACATCTTTGAACAATACCTGTAATATCACACTGACATGCTCTGTGGAGGAAGAAGAAA
AGAATGTGGTGTATAGTTGGAGTCCCTCTGGAGAGGAAAGCAATGTCCTTCAAATCTTCCACTCCCTAT
GGACCAAAACTGACTTATACATGTACAGCCTCGAACCTGTGAGCAACAATTCTGACTCCGTCACTGTG
CAACAGCCATGTACAGACTCTCCAGCTTCCATCCTTACCATGGTGTGTTGCCAGGGGGGTGGCCGCGC
TCTCTGCTTATGCTCATTCCAGTGGTGGCACTTCTGTTCCATTGTACAAGAGAAGGAGAGGTAGGAT
TGTCTGGAAGCAGATGATGCTCAAAGAAAATAATATACTCTGCAGTTTCAAGAAATGCCCATCTCACA
GAGTCCAGAATCTATGATGAAATCCCACAGTCCACGATGCTGTCCGTACGGAAGAGCCCGTGACCACCA
TTTATTCTCGGTGCAGCTTTATGAGAAGACGGGGAAAACCAACATGAAGGACGAAAGACCACCAAGAC
TTTGTGTAATGAAATTGTTGTC

ACGGTACGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216393 representing NM_001192006
 Red=Cloning site Green=Tags(s)

MKEKNPKTQDEQCLRKFLRSEAIEREPDCSMVLNGILGESVTL PVDIKDGQKINNIAWTSKSSVAFVTPK
 VGGHEL TVTQDIYKGRLEVTNQTYNLIIRNLRMKDAGTYKADINEKNREKTIITKIYCLQIYSRLAKPKIT
 KSSITSLNNTCNITL TCSVEEEEKNVYVSWSPSGEESNLVQIFHSPMDQKLT YTCTASN PVSNNDSVTV
 QQPCTDPSFHPYHGVLPGGLAALSLLMLIPVVALLFHLYKRRRGRIVLEADDVSKKIIYSAVSRNAHLT
 ESRIYDEIPQSTMLSRTEEPVTTIYSSVQLYEKTGKTNMKDERPPKTL CNEIVV

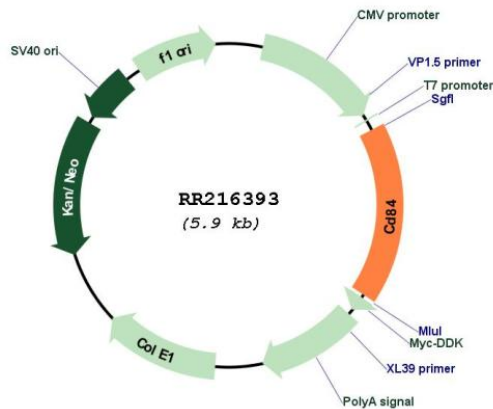
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001192006

ORF Size: 1002 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:	<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_001192006.1 , NP_001178935.1
RefSeq Size:	1005 bp
RefSeq ORF:	1005 bp
Locus ID:	501872
Cytogenetics:	13q24
MW:	37.6 kDa