

Product datasheet for **RR206752**

Cd93 (NM_053383) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd93 (NM_053383) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cd93
Synonyms:	C1qr1; C1qRp; Ly68
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR206752 representing NM_053383
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCACCTCAACTGGTTTGTCTCTGCTGCTGGGGCTTCTCGGCCAGCTCTGGGCAGGGGCTGCTGCTG
 ATTCAGAGGCTGTGGTGTGCGAGGGAAGCTGCCTGCTATACAGCCACTGGGGCAAGCTGAGTGCCCGGGA
 AGCCAGCATCGCTGTAATGAGAATGGAGGCAATCTTGCCACTGTGAAGAGCGAGGAGGAGGCTCGGCAT
 GTCCAGGAAGCTCTGGCTCAGCTTCTGAAGACCAAGGCACCCTCGAAACAAAGATAGGCAAATCTGGA
 TCGGGCTCCAGCGAGAGAAGGGCAAGTGTACGTATCATGATTTGCCAATGAAGGGCTTCAGCTGGTTGG
 TGGTGGAGAGGACACAATTATCAAACCTGGTACAAAGCGAGCAAGAGCTCCTGTATCTCTAAACGCTGT
 GTGTCCCTGATACTGGATCTGTCCTTCAAACCTCACCCAGCCATCTGCCTAAATGGCATGAGAGTCCCT
 GTGGGACTCCCGATGCTCCAGGCAACAGCATTGAAGGCTTCTGTGCAAGTTCAACTTCAAAGGCATGTG
 CAGTCCACTGGCGCTGGGTGGACCAGGGCAGCTGACCTATACCACCCCTTCCAGGCCACCACCTCTCT
 CTGAAGGCCGTGCCGTTTGCCTCTGTTGCCAATGTAGTTGTGGGGATGAAGCTGAGAGTAAAGCAAT
 ATTACCTATGCAAGGAAACGACTGCAGGAGTATCCATTGGGGCAGCTCAGGCCCTCTCTGTGTCAGCCC
 CAAGTTTGGTTGCAGTTTCAACAATGGGGGCTGCCAGCAGGATTGCTTCGAAGGTGGGGATGGCTCCTTC
 CGCTGTGGCTGCCGGCTGGATTCCGGCTGCTGGATGACCTAGTAACTTGTGCGTCCAGGAACCCCTGCA
 GTTCAAACCCATGCACAGGAGGGCGCATGTGTCTTCTGTGCCACTAAGCGAAAACCTACACATGCCATTG
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 TGTGACCAGGAATGTATCAACACTCCAGGGGGCTTCCATTGTGAATGTTGGTGGGCTACCAATCCAGTG
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 ACTGAAATGCCTGGTTCTCTCAATGGCTCTAAGGATGTCTCCAACAGAGCACAGACCACAGATCTCTCA
 TTCAATCGGATAGTTCCACTGCCTCTGTCCACTAGAAAATAGAAGTCTCTAGTGAGGCATCTGATGTCTG
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 GCACACAGTGACAGTGACACCGATGGGCAGAAGCTACTTCTGTTTTACATCCTGGGTACGGTGGTGGCCA
 TCTCACTTTGCTGGCTCTGGCCCTTGGGCTTCTCATTTATCTTAAACGAAAGCCAAGAAAGAGGAGAT
 CAAAGAGAAGAAGGCCAGAATGCAGCTGACAGCTATTCTGGATTCCAGAGCGAGCAGAGAGCCGAGCC
 CCAGAGAATCAGTACAGCCCAACACCTGGGACGGACTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR206752 representing NM_053383
 Red=Cloning site Green=Tags(s)

MVTSTGLLLLLLGLLQQLWAGAAADSEAVVCEGTACYTAHWGKLSAAEAQHRCNENGGNLATVKSEEEARH
 VQEALAQLLKTAPSETKIGKFWIGLQREK GKCTYHDLPMKGF SWVGGEDTTYSNWKASKSSCISKRC
 VSLILDLSLKPSPHLPKWHEPCGTPDAPGNSIEGFLCKFNFKGMCSPALALGGPGQLTYTTPFQATTSS
 LKAVPFASVANVVCGDEAESKTNYLLCKETTAGVFHWGSSGPLCVSPKFGCSFNNGGCQQDCFEFGDGSF
 RCGCRPGFRLLDDLVTCASRNPCSSNPCTGGGMCHSVPLSENYTCHCPRGYQLDSSQVHCVDIDECEDSP
 CDQECINTPGGFHCECWVGYQSSGSKEEACEDVDECTAAYSPCAQGCNTDGSFYCSCKEGYIMSGKDST
 QCEDIDECLGNPCDTLCLINTDGSFRGCPAGFELAPNGV SCTRGMFSELPARPPQKEDKGDGKESTVPL
 TEMPGSLNGSKDYSNRAQTDL SIQSDSSTASVPLEIEVSSEASDVWLDLGTYLPTTSGHSQPTHEDSVP
 AHSDDTDGQKLLLFYILGTVVAISLLLALGLLLIYLRKAKKKEIKEKKAQNAADSYSWIPERAESRA
 PENQYSPTPGTDC

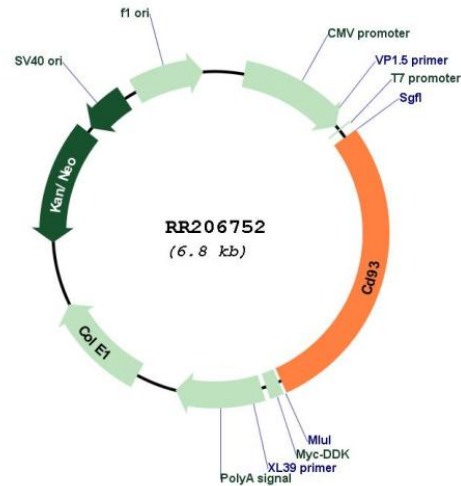
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_053383

ORF Size: 1929 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_053383.2](#)

RefSeq Size:	4779 bp
RefSeq ORF:	1932 bp
Locus ID:	84398
UniProt ID:	<u>Q9ET61</u>
Cytogenetics:	3q41
MW:	68.8 kDa
Gene Summary:	enhances cell-cell interactions; may play a role in innate immune response against pathogens and toxic cell debris [RGD, Feb 2006]