

## Product datasheet for **RR214138**

### **Cd6 (NM\_175577) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cd6 (NM_175577) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cd6
Synonyms:	OX52
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR214138 representing NM\_175577  
 Red=Cloning site Blue=ORF Green=Tags(s)

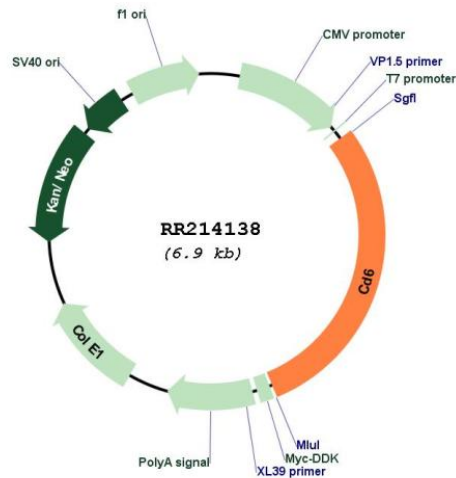
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGCTCTTCCTTGGGATCGCTGGATTGCTGACAGCAGTTCTCTCAGGTCTCCCACCTCCAGCCCCCT  
 CTGACCAGCACAGAAATGGCAGCATCCCAAATATGTCCTCGGACCCAGAGGAGCAGCTGGGATTGCGCT  
 GGTGAACGGGAGCAGTCGCTGCAGTGGATTTGTGCAGGTTCTTCTAGAGTCTGGGAGCCTGTGTGTGCA  
 GGGCACTGGAATCGGGCTGCTACAGAGGCTGCATGCAACGCAGTGGGCTGTGGGATTTGGGAACTTTA  
 CCCACCTGGCGCCACCCACCTCTGAGCGTCCACCAGGAGCCACTTCCCGAACACTAGCAGCTCCAGGAA  
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 ATGGTGGCAGTCGCTGCGCTGGCCGCTGGAGATGCTGCAGCATGGTGAATGGGGAACAGTGTGCGATGA  
 CACGTGGGACCTGGATGATGCAAACGTAGTGTGAAGCAGCTGAAGTGTGGCTGGCAGTGAAGGCACTG  
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 GTGCTCAGAGCACCAGTCTGGCGCTGACTGGAGGTGTTGACTCCTGCGAAGGGCAAGTGGAAAGTGTAC  
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 CTCTTGAAAGCCAAGGACAATATGCCCTCCCTACTTCAAGTGAACCACCAGCAACTGTCCACTGCCAATC  
 CAGCAGGGATCAACAACCTACCATCCTGTCCCTATCACCATTGCCAAAGAAGCTCCTATGTTGTTCA  
 TCAA  
 GCCCGGGTCCCCGAGGACTCGGACTCCAGTCTGAATCCGACTATGAGCATTATGACTTCAGCTCCAG  
 CCGCTGTGGCCCTGACCACCTTCTACAATTCCCAGAGGCACCGGTCACAGAGGAAGAAGCCCAACAGA  
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 AGCACATCCTCTGAGGAGGTTACTGCAATGATCCAGCAGCAAGCCACCTCCATGGAACCTCCAGGTGT  
 TTTCCGAGAAGAGTCCCCTCACAGAGCAGCCCCCAACTTGGAACTGGCTGGCTCTCAGGCAATGTTTT  
 AGCAGGGGCTCGGCCGATGACAGCTCCAGTACCTCGTCTGGGGAGTGGTACCAGAACTCCAGCCACCA  
 CCCCAGCATCCTCCAGTGAACAGTTTGAATGTCCAGGACCGCTGACCTCCAAGCAGACTCCATTGATG  
 ATGATGAGGAAGACTACGATGACATTGGAGCAGCC

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



## Plasmid Map:



ACCN: NM\_175577

ORF Size: 1995 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\\_175577.3](#), [NP\\_783167.2](#)

RefSeq Size:	2947 bp
RefSeq ORF:	1998 bp
Locus ID:	25752
Cytogenetics:	1q43
MW:	72.3 kDa
Gene Summary:	cell surface molecule found on T lymphocytes that may regulate CD5 tyrosine phosphorylation; associates with CD5, Lck, Fyn, ZAP-70 and Itk [RGD, Feb 2006]