

Product datasheet for **RN214138**

Cd6 (NM_175577) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN214138 representing NM_175577
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGCTCTTCCTTGGGATCGCTGGATTGCTGACAGCAGTTCTCTCAGGTCTCCCACCTCCAGCCCCCT
 CTGACCAGCACAGAAATGGCAGCATCCCAAATATGTCTCGGACCCAGAGGAGCAGCTGGGATTGCGCT
 GGTGAACGGGAGCAGTCGCTGCAGTGGATTGTGCAGGTTCTTCTAGAGTCTGGGAGCCTGTGTGTGCA
 GGGCACTGGAATCGGGCTGCTACAGAGGCTGCATGCAACGCAGTGGGCTGTGGGATTTGGGAACTTTA
 CCCACCTGGCGCCACCCACCTCTGAGCGTCCACCAGGAGCCACTTCCCGAACACTAGCAGCTCCAGGAA
 TACGACATGGGCGGGGACCAACTGTGAGATGCCACGGAGCCAATTGGCAACTCTGCAAGTGGAGGAC
 TACGAGTGCAGCAGCGACAGGCGGCTGGTGTGGGTACCTGTGCAGAGAACCAGGCTGTGCGGTTAGTGG
 ATGGTGGCAGTCGCTGCGCTGGCCGCTGGAGATGCTGCAGCATGGTGAATGGGGAACAGTGTGCGATGA
 CACGTGGGACCTGGATGATGCAAACGTAGTGTGAAGCAGCTGAAGTGTGGCTGGCAGTGAAGGCACTG
 GCCGGCTTGCACCTCACCCAGGCCAAGGACCCATCCACCGTGACCAAGTGAAGTCTCTGGGACCGAGG
 CCTATCTGTGGGACTGCCCGGGGCGGCCAGGAGACCAGTACTGCGGTACAAGGAGGATGCAAGGAGTGGT
 GTGCTCAGAGCACCAGTCTGGCGCTGACTGGAGGTGTTGACTCCTGCGAAGGGCAAGTGGAAAGTGTAC
 TTCCGGGTGTCTGGAGCACCCTGTGTGACAGCGAATGGTACCCATCCGAGGCCAAAGTGTCTGTGAGT
 CCTTGGGTTGTGGATCAGAAGTGGACCGGCCAAAGGGGCTGCCACACTCCCTGGCAGGCAGAATGTACTA
 CTCCTGTAAGGGGAGGAGCTCACCTCAGCACCTGCTCCTGGCGGTTCAACAATCCAAGTGTGACAGC
 CAGTCGCTGGCCGAAGGTTGTCTGCTCAGGCTCCAGAGACATCCCAATCTGTCGACTTCTGAAGTGC
 CTTCCAGAGTCCGGTCACCATAGAATCTTCTGTGCCTGTGAGCGTGAAGGATAAGGACTCTCAAAATTT
 GACACTTCTCATTCCCTGCATTGTCTGGGAATTCCTTCTTGTCTCCCTCATCTTCATAGTTTTTCTT
 CTCTTGAAGCCAAGGACAATATGCCCTCCCTACTTCAAGTGAACCACCAGCAACTGTCCACTGCCAATC
 CAGCAGGGATCAACAACCTACCATCTGTCCCTATCACCATTGCCAAGAAGCTCCTATGTTGTTCAACAA
 GCCCGGGTCCCCGAGGACTCGGACTCCAGTCTGAATCCGACTATGAGCATTATGACTTCAGCTCCAG
 CCGCTGTGGCCCTGACCACCTTCTACAATTCCAGAGGCCACCGGTCACAGAGGAAGAAGCCCAACAGA
 ACAGGTTCCGGATGCCACCCTTGGAGGAAGGACTTGAAGAGTGCACGTTTCTAACATCCAGCTGCTGA
 CCCCAGACCCTGTGTGGTGGATGCCCTCTCTGGGCTCTCAGTACCACACGAGGAACAACAGTACTCC
 AGCACATCTCTGAGGAGGTTACTGCAATGATCCAGCAGCAAGCCACCTCCATGGAAGTCCAGGTGT
 TTTCCGAGAAGAGTCCCCTCACAGAGCAGCCCCCAACTTGAAGTGGCTGGCTCTCAGGCAATGTTTTTC
 AGCAGGGGCTCGGCCGATGACAGCTCCAGTACCTCGTCTGGGGAGTGGTACCAGAACTCCAGCCACCA
 CCCCAGCATCCTCCAGTGAACAGTTTGAATGTCCAGGACCGCTGACCTCCAAGCAGACTCCATTGATG
 ATGATGAGGAAGACTACGATGACATTGGAGCAGCCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_175577
- Insert Size:** 1998 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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

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]