

Product datasheet for **RN210923**

Cd2 (NM_012830) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd2 (NM_012830) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd2
Synonyms: CD2R; LFA-2; LFA2; OX-34; OX34
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210923 representing NM_012830
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGATGTAATTCCTAGGGAGTTTCTTCTGCTCTTCAGCCTGTCCAGCAAAGGAGCAGACTGCAGAG
ACAGTGGGACCGTCTGGGGTGCCTGGGTATGGCATCAACCTGAACATCCCTAACTTTCAAATGACTGA
TGATATTGATGAGGTGCGATGGGAGAGGGGAGCACCCCTGGTTGCCGAGTTTAAAAGGAAGATGAAGCCT
TTTTTGAAATCGGGAGCATTGAGATCTTAGCAAATGGAGACTTGAAGATAAAGAATCTGACAAGAGATG
ACAGTGGCACCTATAATGTAACGGTATACAGCACAAATGGGACACGTATCCTGGACAAGGCACTGGACTT
GAGGATTCTAGAGATGGTCTCAAAGCCGATGATCTACTGGGAGTGCAGCAACGCAACCCTGACCTGTGAG
GTCTTGGAAGGAACAGATGTTGAACTAAAGCTGTACCAAGGAAAGGAGCATCTCAGGAGCCTCCGTCAGA
AGACCATGAGTTACCAGTGGACCAACCTGAGAGCACCGTTTAAGTGAAGGCGGTAAACAGGGTCAGCCA
GGAGTCTGAGATGGAAGTTGTCAACTGTCCAGAGAAAGGTCTGCCCTCTATCTCATAGTGGGGTCACT
GCAGGAGGACTCCTCTTGGTGTCTTTGGGGCGCTGTTTATTTTCTGTATCTGCAAGAGGAAAAACGGA
ACAGGAGGAGAAAAGGTGAAGAGCTGGAGATAAAAGCTTCCAGAATGAGCACTGTGGAAAGGGACCCAA
GCCACACTCAACCCAGGCCTCAGCACACGATCACAGAATCCAGTGGCTTCCAAGCTCCTCCTCACCT
GGCCATCATCTCCAGACACCTGGCCATCGTCCCCTGCCTCCAAGCCACCGTAACCGTGAGCACACGCGA
AGAAGAGACCTCCTCCATCAGGCACACAGGTTACCAGCAGAAAGGCCCTCCTTTGCCAGACCCCGAGT
TCAGCCAAAGCCTCCCTGTGGGAGTGGAGATGTTTCGTTGCCACCCCTAATTAA

ACGGTACGGGCGCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012830



[View online »](#)

Insert Size:	1035 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:	<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:	<u>NM_012830.1</u> , <u>NP_036962.1</u>
RefSeq Size:	1168 bp
RefSeq ORF:	1035 bp
Locus ID:	497761
UniProt ID:	<u>P08921</u>
Cytogenetics:	2q34
Gene Summary:	cell surface antigen involved in T lymphocyte activation and proliferation; interacts with CD5 [RGD, Feb 2006]