

Product datasheet for **RN212312**

Cd3d (NM_013169) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd3d (NM_013169) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd3d
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN212312 representing NM_013169
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCACTATGGAATTCTGGTTAGTCTGCTACTGGCTACTGTTCTCCCCAAGGGAGCCCTTCAAGA
TAGAAGTGGTTGAATATGAGGACAAAGTGGTTGTGAATTGCAACACCAGCATCAGGCATCTAGATGGATC
AGTGAAAAGATGGTTGACCAAAAATAAACTACTCATCTTGGGCAAAGGCATCCTGGACCCACGAGGGATG
TATATGTGTAATGGGACAGAGGAGCTGGCGAAGGAGGTGTCGACTGTTCAAGTATATTACCGAATGTGCC
AGAAGTGTGGAGCTGGACTCAGCCACCCTGGTGGTGCATCATCACTGATCTCATCGCCACTCTGCT
CCTGGCTTGGGGTCTACTGCTTTCAGGCCATGAGACCGGAAGACTTCTGGGCTGTTGACACTCAA
GTCTGTTGAAGAACGAGCAGCTGTATCAGCCTCTTCGAGATCGCGATGATGCCAGTACAGCCGCTTTG
GAGGGAAGTGGCCCGGAACAAAAGGTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1667_c04.zip

Restriction Sites: SgfI-MluI

ACCN: NM_013169

Insert Size: 522 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).



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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_013169.1</u> , <u>NP_037301.1</u>
RefSeq Size:	666 bp
RefSeq ORF:	522 bp
Locus ID:	25710
UniProt ID:	<u>P19377</u>
Cytogenetics:	8q22
Gene Summary:	putative component of the CD3 T-cell receptor [RGD, Feb 2006]