

Product datasheet for **RN200615**

Cd53 (NM_012523) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd53 (NM_012523) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd53
Synonyms: Ox-44; OX44
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200615 representing NM_012523
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGGCATGAGCAGCCTGAAATGCTGAAATATGTTCTGTTTTCTTTAACTTTCTTTTTGGGTCTGTG
GCTGTTGCATTTTGGGCTTTGGGATCCACCTCCTGGTCCAGAATACCTATGGAATACTCTCCGTAATCT
CCCCTTCTGACACTTGGCAATGTTCTGGTCATTGTGGGCTCCATTATCATGGTAGTTGCCTTCTTGGC
TGCATGGGATCAATCAAGGAGAATAAGTGCCTGCTTATGTGTTCTTTGTCTGCTGCTGCTTATTCTCC
TTGCTGAGGTGACCTTAGCCATCCTGCTCTTTGTGTATGAAAAAAGATCAACACGTTAGTGGCAGAGGG
CCTGAATGACAGCATCCAACATTACACTCTGACAACAGCACCAGGATGGCATGGGACTTCATCCAGTCA
CAACTGCAGTGTGTGGTGTAAATGGCTCAAGTATTGGATCAGTGGTCCACCATCTTCTGCCATCAG
GTGCAGATGTTTCAGGGTTGTTATAAAAAAGGGCAGGCCTGGTTTCACTCCAATTTCTTGTATATTGGAA
TGTTACCATCTGCGTATGTGTATACAGGTGCTGGGGATGTCCTTTGCTCTGACACTGAAGTCCAGATT
GACAAAACCAGCCAGGCTTTAGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012523
Insert Size: 660 bp



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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_012523.2</u> , <u>NP_036655.1</u>
RefSeq Size:	1710 bp
RefSeq ORF:	660 bp
Locus ID:	24251
UniProt ID:	<u>P24485</u>
Cytogenetics:	2q34
Gene Summary:	a tetraspanin protein; may be involved in cell survival and growth regulation [RGD, Feb 2006]