

Product datasheet for **RN204156**

Cd164 (NM_031812) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd164 (NM_031812) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd164
Synonyms: MGC-24v
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204156 representing NM_031812
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCGGGCGCCTCCCGGGACTGTTCTGGGCCGCCACCTGCCTCGCCGCGCTCGCTGTGGCCGCGC
AGAGCAACAGCAGCGCATCTCCAACGTGACTGACCCGCCGACCAGCAGCAAAGTGGTCCCAGCAGC
GCTCACCACCACCAAGCCGCCAGAAACCTGTGAGAGCTTCAACAGCTGTGTTTCTGTGTCAACGCCACC
TTGACTAATAATATTACCTGCGTCTGGCTAGATTGCCATGAAGCAAATAAGACCTATTGTTCAAGTGAAT
TAGTAAGTAATTGTACCCAGAAGACCAGTACTGACTCCTGTTCTGTAATACCTACCACCCAGTGCCAAC
CAATTCTACAGCTAAGCCTACAACCTCGGCCTTCTCTCTACACCTACTCCCTCAGTTGTGCATCAGCA
GGTGCAACAAATACCACTGTGACTCCAACCTCACAGCCTGAGCGGAAGTCCACCTTTGATGCAGCCAGCT
TCATTGGAGGAATCGTCCTTGTCTTGGGTGTGCAGGCTGTAATTTCTTTCTATAAATTCTGCAAATC
TAAAGAACGAAATTACCATACTCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031812
Insert Size: 588 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_031812.1</u> , <u>NP_114000.1</u>
RefSeq Size:	2836 bp
RefSeq ORF:	588 bp
Locus ID:	83689
UniProt ID:	<u>Q9QX82</u>
Cytogenetics:	20q12
Gene Summary:	membrane protein found in lysosomal and endosomal compartments [RGD, Feb 2006]