

Product datasheet for **MC200487**

Cd164 (NM_016898) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Cd164 (NM_016898) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Cd164 |
| Synonyms: | A24; A115; AA589639; AW540279; MGC-24; MSSP |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC005414 sequence for NM_016898
 CCGACGCCTGGGCTGAAGACACAATGTCGGGCTCCTCCCGCCGACTGCTCTGGGCCGCCACCTGCCTCGC
 CGTGCTCTGCGTCTCGGCCGCGCAGCCCAACATCACCACCCTGGCTCCCAACGTGACCGAGGTGCCGACC
 ACGACCACCAAAGTGGTCCCGACGACGCAAATGCCACCCTGCTACCAGAAACCTGTGCGAGCTTCAACA
 GCTGTGTTTCTGTGTTAATGCCACCTTACTAATAATATTACCTGCTTTTGGTTACATTGCCAAGAAGC
 AAATAAGACCTATTGTGCAAAATGAACCATTAAGTAATTGTTCCCAGGTGAACCCGACTGACTTGTGTTCT
 GTAATACCTCCTACCCTCCAGTGCCAACCAATTCTACAGCTAAGCCCAACTCGGCCTCCTCTCCTA
 CACCTACTCCCTCAGTTGTCACATCAGCAGGGACAACAAATACCACACTGACTCCAACCTCCAGCCTGA
 GCGGAAGTCGACCTTTGATGCAGCCAGCTTCATTGGAGGGATCGTCCTTGTCTTGGGTGTCAGGCTGTA
 ATTTTCTTTCTATAAGTTCTGCAAACTAAAGAACGAAATTACCATACTCTGTAACAGACCTGTTAA
 ATTAATGTGGACTGGCAGTTAATTGTGCAACTACTGAAACCAAAATATTGAAGAAGTCCACATGGAA
 GACGCTGTTCCAGGATCTTACCTTTCCAAAGGATGCATACAGGATATTTGGAGCATCATCCTCGAAGA
 AAAGTCAGTTAAACCATTAGTTCATCAGGAATATTTAAATATTCTGCATGAATCCGTGTGGCTGTCGT
 CTTTGTACCATGGCTGCTGCTGTTGGACTGTTTTTCTCTGACATGCCAAATGTAACCTCTGTAAGT
 GGTGGAGAGTGTCTGTGTAGGCAGCTTCTGACTGCAGTTGAAATGTAGTCCCTAGAAATCCTAAAG
 GCTGTTATTCTATCCTAGTTCAGGTGTAACCTGGTGGCCAGAATTGAGAAGAGTGCCAATGACCACC
 CGTCAGGCAGATTGAGGGCCATCACTTCAACATAGATTAATTTGTTTAGCACTAAACTATCCCTAGAG
 TAAATTTTATGCTTGACAAGTTGATTTTATATATTAGAAATAAGATGCCACACAGGGCAATCCAGATT
 TAGATTAAGAAAGGATACACAGACATTAATCTGCAACAGGTCTTGTTCATACTCATAAAGTGTACCGTA
 TTAAGAAATCAGAACAGTGCCTTAAGACAGACTGAGACGTCGTGAAAAATGTGTTACACTGTGGGAGGC
 AAAGCTTGGTCTGAGAATGTAACGTGTTGATGTGAGCAGCAGAAATCTGCTATAGATAACATACTGTTAA
 TATTTAATTAAGCATTGTTTTTCTAGAGCTGAGAAATAGAAGCTAAAGAATAATTAGAGCTGAAAGG
 CTTCTTATATCAAACCATCAACATTTTTCTTAGGGCTGTTAACTAGACATAAAATGATTTATCTTT
 CTCTCTGTACACAAAGTATCCAAATATTACCTTAAGGATTCCCTACCAGGTTTTCTTGAAGAGTGGCTT
 TTACATGAGGCAAGAAGGAAGTGTGATAGATAAATCATTCTTCTAGTTCTTTAAATGAGACAATCACTT
 TGTTTTCTAATAGATGTGACCTGTGTAACCTAAAAATCTGAGGGTTTGAGAGAGTTGCTCTAGATTTT
 CAATGACGATACCCTGGCTGAATAGGCTTTTCTTCTTGGGCCTTTACTTCTTTTCTCCTCCTGGT
 TTCAGTCCCATGTGCTATCATTATAATCATGCAGACTTTTACTTCAGTTGCTTCTGAAAGCACTAAGTT
 TTCAGTTTTGGAGTTACTTCTCCCTGCCTCTGACACACTGCACACGCTAGAGGCTGTAATTGAAATA
 GGCTTTTGGTTTTCTGTGCCATTCAAGTTTGGGGCTTTCATTTGGTTACAGAGTTCAGCGCTTGGTTCCC
 AGGGTTTATATACGAAACAGCGGATTGCTGTGGGCTGGTTCATAAAGTGAACCTAATGAATCTATCTCTT
 TGTCACTTGTGTGACAGCTAGTTTGTTCACCTGCACATTTGTACATATATCTAATGTTTTCAAGTGCC
 TTACTTGTTTAACTCTGACTTCAAAGTTTTTGGGAAAGATAGGTTTACCTCAGATTAATGTTCCAT
 TGTAATTTCTAGGTTCTCACAAAAATCTATTTCAAGTGTGTAGCTGTTAGTTTTAAGTGAAGTAAAG
 TTCTTTTAAAGTACACAGAATTTCCATTCCTTAAAGGTGGCAAAATGGTTTTGCTATTTACCTCCAT
 GTGACTCCTTGCCCATATAAATGTCAGCATATGTAGCAAGTTTTCTAAGAATGTAACCTAATTTGAAGC
 TCCTGAAATTTGAGCACTGCTAACATTGTAGGAAGTTAGTGACATTTGCAAGTCTCTACAAAAGCT
 CTTGCCACAGAATCACTGCTGCCCTGACTCTTACCATCTTTCTTTAGCAAGGATTTTGGCCATTAA
 TGATTTTGGGTTTTTTAATCCAGAAGGTATATAAAGCCTTTTCAGAGTTTTTCATCTGATTTGCTGCTGA
 GGATCTAGTTCTATAAATACCTTATTTTACCTTTGCCATACTGCTGCACAAGCAGACACTGCTGGACT
 TAGAAGTTTCTATTTGAGTTCCTTAAACTACAAAATAATATGTATGTGTACAAAAGTATTTAAATAA
 ATGTTTATTAGTCTTTGAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_016898
Insert Size: 594 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: | BC005414 , AAH05414 |
| RefSeq Size: | 2833 bp |
| RefSeq ORF: | 594 bp |
| Locus ID: | 53599 |
| UniProt ID: | Q9R0L9 |
| Cytogenetics: | 10 22.46 cM |
| Gene Summary: | Sialomucin that may play a key role in hematopoiesis. May be involved in cell adhesion (By similarity). Promotes myogenesis by enhancing CXCR4-dependent cell motility. Positively regulates myoblast migration and promotes myoblast fusion into myotubes. [UniProtKB/Swiss-Prot Function] |