

Product datasheet for **MC220158**

Cd180 (NM_008533) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd180 (NM_008533) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd180
Synonyms:	F630107B15; Ly-78; Ly78; RP105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220158 representing NM_008533
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCCGGACATCAGCTGCTTCTTTTTAGTGGCCCTCTCTTGCCAGTTGCCAGCCACCACATCCT
 CAGATCAGAAGTGCAATTGAGAAAGAAGTCAACAAACATACAACCTGTGAAAATTTAGGTCTCAATGAAAT
 TCCTGGCACTTTACCAAACCTCAACAGAATGTTTGGAGTTCAGCTTTAATGTCTTGCCATACCATTCAAAC
 ACGACCTTCAGCAGACTTATCAATCTCACCTTCCTGGATTTAACCAGGTGCCAGATTTACTGGATACATG
 AAGATACTTTCCAAAGCCAACATCGGTTAGACACACTTGTACTAACCGCAAATCCCCTGATATTTATGGC
 AGAGACAGCACTTAGTGGGCTAAGGCATTGAAGCATCTGTTCTTCATCCAAACAGGAATATCCAGTATT
 GATTTTATCCCACTGCACAATCAAAAAACCTTGGAAAGTCTCTATCTCGGAAGCAACCATATTTCTCCA
 TTAAGCTCCCAAAGTTTCCCAACAGAGAAGCTGAAGGTCTGGATTTTCAGAATAATGCTATCCATTA
 CCTGTCTAAAGAAGATATGAGCTCTCTCCAGCAAGCCACTAATCTGAGCCTTAACCTAAATGGAAATGAC
 ATTGACAGGAATAGAGCTGGGGCTTTCGACTCAGCTGTCTTCAAAGTTTAACTTTGGAGGGACTCAGA
 ACTTGCTAGTTATCTCAAGGGTTTGAAGAACTCTACGATCCAGTCTCTTTGGCTGGGGACATTTGAGGA
 CATGGATGACGAAGATATTAGTCTGCCGTGTTTGGGGTCTCTGTGAAATGTCTGTGGAGAGCATCAAC
 CTACAGAAGCATTATTTCTTCAACATTTCTCCAAACACTTCCATTGCTTCAGTGGCCTCCAGGAAGTGG
 ACCTAACAGCCACTCACCTGAGTGAATTGCCTTCTGGACTTGTGGGACTAAGCACACTTAAGAAATAGT
 TCTCAGTGCAAAAGTTTGAAGATTTGTGCCAAATCAGTGCTTCCAATTTCCCCTCCCTTACTCACCTT
 TCCATCAAGGGCAACACGAAGAGACTTGAGCTCGGTACTGGCTGTTTAGAAAACCTAGAAAATCTCCGCG
 AACTTGACCTCAGCCATGATGACATTGAACTTCTGATTGTTGCAACCTGCAACTCCGAAACCTGTCTCA
 CTTACAGAGCCTGAACCTGAGCTACAATGAACCCCTGAGCCTCAAGACGGAGGCATTCAAAGAATGCCCT
 CAGCTAGAACTCCTAGATTTGGCATTACTCGACTAAAGGTGAAAGATGCACAGAGTCCCTTCCAGAACC
 TCCATCTTTTGAAGGTGCTGAATCTCTCCACAGCCTCCTTGACATCAGCAGTGAGCAGCTCTTCGATGG
 CCTGCCAGCACTCCAGCATTGAACTTACAGGGAAATCACTTTCCAAAAGGGAATATTCAAAGACCAAC
 TCCTTCAGCACTGGGAAGACTAGAAATCCTGGTTTTATCCTTTTGTGATCTCTCCTCCATTGACCAGC
 ACGCCTTACCAGTCTGAAGATGATGAATCATGTAGACCTGAGTCACAACAGGCTGACATCCAGTAGCAT
 TGAGGCTCTTAGTCATCTTAAGGGGATCTACCTCAATCTGGCCTCAATCGCATCAGCATCATCCTACCC
 AGTCTCCTCCCCATTTGTCCCAGCAGAGGACCATTAATTTAAGACAAAAATCCCCTTGCATGCATTGCT
 CAAACATTTACTTTTTAGAAATGGTACAAAGAAAACATGCAAAAACCTCGAGGACACAGAGGACACTTTTG
 CGAAAATCCCCATTGCTGAGGGGAGTCAGGCTCTCCGATGTCACGCTATCCTGTAGTATGGCAGCTGTG
 GGCATTTTCTTTCTATTGTATTCTTGCTCGTGTGCTATTTTCTGATTTTTGCAAGTAAATATTTTC
 TCAGATGGAAATACCAACACATT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_008533
- Insert Size:** 1986 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:

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: [NM_008533.2](#), [NP_032559.2](#)

RefSeq Size: 2326 bp

RefSeq ORF: 1986 bp

Locus ID: 17079

UniProt ID: [Q62192](#)

Cytogenetics: 13 D1

Gene Summary: May cooperate with MD-1 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) in B-cells. Leads to NF-kappa-B activation. Also involved in the life/death decision of B-cells.[UniProtKB/Swiss-Prot Function]