

Product datasheet for **MC214626**

Cd59b (NM_181858) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cd59b (NM_181858) Mouse Untagged Clone

Tag: Tag Free

Symbol: Cd59b

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF: >MC214626 representing NM_181858
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAGCTCAGAGGGGACTCATCTTACTCCTGCTGCTTCTGGCTGTCTTCTGTTCCACAGCTGTTAGCC
TCAAATGCTACAAGTGTAGACCCGGTTCTTCATGCAAATAAACACTACTTGTCTCCTAACCTGGA
TTCTGTCTCTATGCTGTAGCCGGAAGCAAGTGTATCAACAGTGTGGAACTTTCGGATTGTAATTCC
AACTATATTATGAGCCGATTAGACGTGGCAGGCATACAAAGCAAATGCTGTCAGTGGGACTTGTGTAACA
AAAATCTTGACGGATTAGAAGAGCCAAACAACGCAGAACTTCCTCATTGAGGAAGACAGCATTGCTGGG
GACCTCAGTTCTGGTGGCCATTTGAAGTTTTGCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_181858

Insert Size: 390 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).



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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_181858.1](#), [NP_862906.1](#)

RefSeq Size: 796 bp

RefSeq ORF: 390 bp

Locus ID: 333883

UniProt ID: [P58019](#)

Cytogenetics: 2 E2

Gene Summary: Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore (By similarity).[UniProtKB/Swiss-Prot Function]