

## Product datasheet for **MC225898**

### Cd83 (NM\_001289915) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cd83 (NM\_001289915) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cd83  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC225898 representing NM\_001289915  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGAAGGCCTCCAGCTCCTGTTTCTAGGCTGCGCCTGCAGCCTGGCACCCCGATGGCGATGCGGG  
 AGGTGACGGTGGCTTGCTCCGAGACCGCCGACTTGCCCTGCACAGCGCCCTGGGACCCGAGCTCTCCTA  
 TGCAGTGTCTGGCCAAGGTCTCCGAGAGTGGCACTGAGAGTGTGGAGCTCCCGAGAGCAAGCAAAC  
 AGCTCCTTCGAGGCCCCAGGAGAAGGGCCTATTCCTGACGATCCAAAACACTACCATCTGCAGCTCGG  
 GCACCTACAGGTGTGCCCTGCAGGAGCTCGGAGGGCAGCGCAACTTGAGCGGCACCGTGGTTCTGAAGGA  
 TGCCCCAAGGAAGCTACAGAGTCAACTTTCAGGAAGTACAGGGCAGAAGCTGTGTGCTCTTCTCTG  
 TTGTTTTCTAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001289915  
**Insert Size:** 435 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).  
**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001289915.1</u> , <u>NP_001276844.1</u>
<b>RefSeq Size:</b>	2134 bp
<b>RefSeq ORF:</b>	435 bp
<b>Locus ID:</b>	12522
<b>Cytogenetics:</b>	13 21.6 cM
<b>Gene Summary:</b>	May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region, resulting in a frameshift and an early stop codon, compared to variant 1. It encodes isoform 2, which is shorter and has a distinct C-terminus, compared to isoform 1.