

Product datasheet for MR219448

Cd83 (NM_009856) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd83 (NM_009856) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cd83
Synonyms: MGC130312; MGC130313
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR219448 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGAAGGCCTCCAGCTCCTGTTTCTAGGCTGCGCCTGCAGCCTGGCACCCGCGATGGCGATGCGGG
 AGGTGACGGTGGCTTGTCCGAGACCGCCGACTTGCCCTGCACAGCGCCCTGGGACCCGAGCTCTCCTA
 TGCAGTGTCTGGCCAAGGTCTCCGAGAGTGGCACTGAGAGTGTGGAGCTCCCGAGAGCAAGCAAAC
 AGCTCCTTCGAGGCCCCAGGAGAAGGGCTATTCCTGACGATCAAAACACTACCATCTGCAGCTCGG
 GCACCTACAGGTGTGCCCTGCAGGAGCTCGGAGGCAGCGCAACTTGAGCGGCACCGTGGTTCTGAAGT
 GACAGGATGCCCCAAGGAAGCTACAGAGTCAACTTTCAGGAAGTACAGGGCAGAAGCTGTGTTGCTCTTC
 TCTCTGTTGTTTTCTACCTGACTCATTTTTACCTGCAAATTTGCACGACTACAAAGCATTTTCC
 CAGATATTTCTAAACCTGGTACGGAACAAGCTTTTCTCCAGTCACTCCCAAGCAAACATTTGGGGCC
 AGTGACCCTTCTAAGACAGAAACGGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR219448 protein sequence
 Red=Cloning site Green=Tags(s)

MSQGLQLLFLGCACSLAPAMAMREVTVACSETADLPCTAPWDPQLSYAVSWAKVSESGTESVELPESKQN
 SSFEAPRRRAYSLSLIQNTTICSSGTYRCALQELGGQRNLSGTVVVKVTPGCPKEATESTFRKYRAEAVLLF
 SLVVVYLTLLIIFTCKFARLQSIIFPDISKPGTEQAFLPVTSPSKHLGPVTLPKTETV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_009856

ORF Size: 588 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_009856.3](#)

RefSeq Size: 2141 bp

RefSeq ORF: 591 bp

Locus ID: 12522

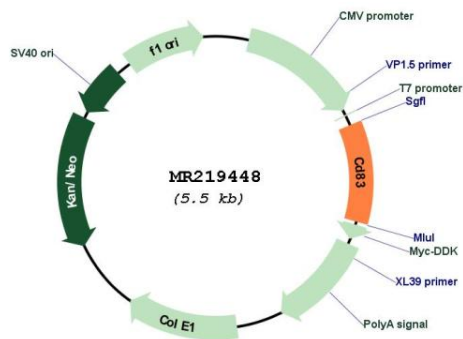
UniProt ID: [O88324](#)

Cytogenetics: 13 21.6 cM

MW: 21.3 kDa

Gene Summary: May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219448