

Product datasheet for MR226896

Ctla4 (NM_009843) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ctla4 (NM_009843) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ctla4
Synonyms: Cd152; Ctla; Ctla-4; Ly-5; Ly-56
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR226896 representing NM_009843
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTGTCTTGGACTCCGGAGGTACAAAGCTCAACTGCAGCTGCCTTCTAGGACTTGGCCTTTTGTAG
 CCCTGCTCACTCTTCTTTTCATCCAGTCTTCTCTGAAGCCATACAGGTGACCCAACCTTCAGTGGTGT
 GGCTAGCAGCCATGGTGTGCCAGCTTCCATGTGAATATTCACCATCACACAACACTGATGAGGTCGG
 GTGACTGTGCTGCGGCAGACAAATGACCAAATGACTGAGGTCTGTGCCACGACATTCACAGAGAAGAATA
 CAGTGGGCTTCTAGATTACCCCTTCTGCAGTGGTACCTTTAATGAAAGCAGAGTGAACCTCACCATCCA
 AGGACTGAGAGCTGTTGACACGGGACTGTACCTCTGCAAGGTGGAACATGTACCCACCGCCATACTTT
 GTGGGCATGGGCAACGGGACGCAGATTTATGTCATTGATCCAGAACCATGCCCGATTCTGACTTCTCC
 TTTGGATCCTTGTGCGAGTTAGCTTGGGGTTGTTTTTTACAGTTTCTGGTCACTGCTGTTTCTTTGAG
 CAAGATGCTAAAGAAAAGAAGTCCTCTTACAACAGGGGTCTATGTGAAAATGCCCCCAACAGAGCCAGAA
 TGTGAAAAGCAATTTAGCCTTATTTTATCCCATCAAC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_009843.4](#), [NP_033973.2](#)

RefSeq Size: 1933 bp

RefSeq ORF: 672 bp

Locus ID: 12477

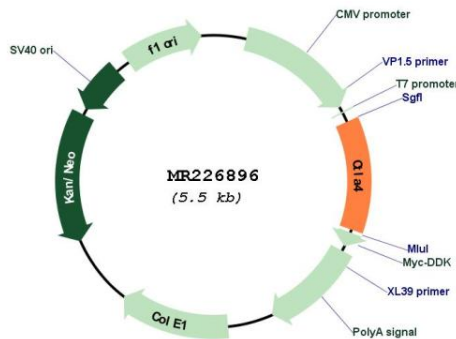
UniProt ID: [P09793](#)

Cytogenetics: 1 30.58 cM

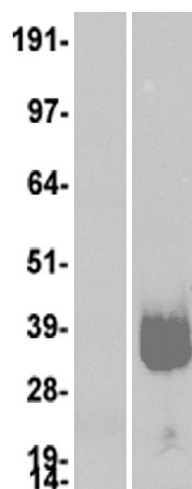
MW: 25.5 kDa

Gene Summary: This gene is a member of the immunoglobulin superfamily, and encodes a protein that functions as a negative regulator of T-cell responses. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2013]

Product images:



Circular map for MR226896



Western blot validation of overexpressed Ctla4 protein using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with MR226896 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).