

Product datasheet for MC207255

Ctla2a (NM_001145799) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Ctla2a

Synonyms: Ctla-2a

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

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

Fully Sequenced ORF: >MC207255 representing NM_001145799
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGTCAGCTGCTCCACCCCTGATCCAAGTTTGGATAATGAGTGGAAAGAATGGAAGACGAAATTTG
CAAAAGCCTACAATCTGAATGAAGAAAGACACAGAAGACTCGTGTGGGAGGAGAATAAGAAGAAAATTGA
GGCACAATGCAGACTATGAGCAGGGCAAGACCAGCTTCTACATGGGCCTGAATCAATTTAGTGACTTG
ACTCCAGAAGAATTCAAGACAAATTGCTATGGAACTCACTGAATAGAGGAGAAATGGCTCCTGATTGCT
CTGAATATGAAGATTTGGGAAAGAACAGCTATCTGACACCTGGAAGGGCTCAGCCAGAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001145799

Insert Size: 342 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001145799.1, NP_001139271.1</u>
RefSeq Size:	1335 bp
RefSeq ORF:	342 bp
Locus ID:	13024
Cytogenetics:	13 32.56 cM
Gene Summary:	Not known, expressed in activated T-cell.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and uses an downstream translational start codon, compared to variant 1. The resulting isoform (b) is shorter at the N-terminus, compared to isoform a.