

Product datasheet for RN212012

Cd86 (NM_020081) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd86 (NM_020081) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd86
Synonyms: B7-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212012 representing NM_020081
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTATGTCGTC AAGACATGTGTAACCTGCACCATGTACTTGGGAATCCTTTTCTCGGTGTTGGCCTATC
TGCTCTCAGATGCTGTTCTGTGAAGAGGCAAGCTTACTTCAATAGCACTGCATACCTGCCGTGCCCGTT
CACAAAGGCTCAAACATAAGCCCGAGTGAGCTCGTAGTATTTTGGCAGGACCGGAAAAAGTCGGTTCTG
TACGAACACTATTTGGGCGCAGAGAAACTTGATAACGTGAATGCCAAGTACCTGGGCCGCACAAGCTTTG
ATAGGGATAACCAGGCTCTACGACTTACAATGTTTCAGATCAAGGACACGGGCTGTATGATTGTTTTAT
ACAGCAAAGACACCCACGGGATCAATTATCCTCCAGCAGTGGGAAACAGAGCTCTCAGTGATCGCCAAC
TTCAGTGAACCTGAAATAGAGGAGGCTCAGAATGAAACAAGAACTGGCATAAATTTGACCTGCTCAT
CTAAGCAAGGATACCCGAAACCTACAAAGATGTATTTTGTAACTAATCAACTAATGAGTATGGCGA
CAACATGCAGATATCACAAGACAATGTCACAAAGCTGTTTCAGTGTCTCCATCAGCCTATCTTCCATTC
CCGGATGGGGTGTACAATATGACCATTGTGTATTCTGGAAACGGAGTCAATGAATATTTCTCCAAAC
CTCACAATATGGTTTTTTCGCAGCCCCAGTTTGATCGAAAGACTTGGATCCAGATTGCAGGTCCCAGTTC
ACTTCTGTGCTGTCTTTCTGCTGGTCGCTACAAAGCAGTCAAAAAGTGTGTTGAAGATGCAGAACCCAG
CCCGGCAGACCCAGCAGAAAGACTTGTGAGTCCAAGCAGGACAGTGGTGTGACGAGTCGATCAACCTGG
AGGAAGTTGAACCCCAATTGCATCAGCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_020081
Insert Size: 942 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:	<ol style="list-style-type: none">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_020081.1 , NP_064466.1
RefSeq Size:	942 bp
RefSeq ORF:	942 bp
Locus ID:	56822
Cytogenetics:	11q22
Gene Summary:	plays a role in T-cell activation and proliferation [RGD, Feb 2006]