

Product datasheet for **RN200613**

Cd80 (NM_012926) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd80 (NM_012926) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd80
Synonyms: B7-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200613 representing NM_012926
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTTACAGTTGCCAGCTGATGCAGGAATCACCACTCCTCGGGTTCCAGTCTCAGGTTCAATCATC
TCTTTGTGCTGCTGCTGGTTGGTCTTTCCAGATATCTTCAGGTATTGTCGGCCAAGTGTCCAAGTCGGT
GAGAGAAAAGGCATTGCTGTCCTGTGATTACAAATTTTGTCTGAAGAGCAGTCCATACACCGAATCTAC
TGGCAAAAACATGACAAAATGGTCTCTGTGCATCTCCGGGGTACCGGAAGTGTGGCCCGAGTACAAGA
ACCGGACTGTATACGACATCGCTAACAATACTCCTTTAGCCTCCTGGGCTGATCCTTTTCAGACAGGGG
CACATACACCTGTGTCGTTCAAAGGTACGAAGGAGAATCGTACGTGGTGAACACCTGACCACCGTGGAG
CTGTCTGTGAGAGCTGACTTCCCTACCCCAACATAACTGAGTCTGGAATCCATCTGCTGACATAAAGA
GGATTACCTGCTTTGCTTCCGGGGTTTCCAAAGCCTCGCCTCTCTGGTTGGAAAATGGAAGAGAATT
AAATGGCATTAAACAACAATTTCCAGGATCCTGAATCTGAGCTGTACACCATTAGTAGCCAAC TAGAC
TTCAACACGACGTACGACCACTCATCGATTGTTTCATTGAGTATGGAGATGCTCACGTGTCACAGAAT
TCACCTGGGTAACCCCAAGACCCCTCCTGATGAAAAGCAAACAATTCGGTTTGCCTGGCCAGGATC
TGATGCAGTCAAAGCCATCATCTTCTTCATCGCCATCACCGTCATCGCCGTCATCGCCGCCATCGCC
ATCATCATCTTCTGCATCACTGTCAAATTCGACGCTGCTTCAGAAGAAGAAATGAGGCAAGCAGAGAAA
CAAACAAGAACCTCTACATAGGGCTGTGGAAGCAGCAGCCGAACAGACTGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012926
Insert Size: 966 bp



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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_012926.1 , NP_037058.1
RefSeq Size:	1000 bp
RefSeq ORF:	966 bp
Locus ID:	25408
Cytogenetics:	11q21
Gene Summary:	cell surface protein that is part of the immune response; may be involved in induction of experimental autoimmune anterior uveitis [RGD, Feb 2006]