

Product datasheet for **RN206364**

Cdc25b (NM_133572) Rat Untagged Clone

Product data:

| | |
|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Cdc25b (NM_133572) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Cdc25b |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



[View online »](#)

Fully Sequenced ORF: >RN206364 representing NM_133572
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGTACCCCGCAGAAGTCTGCGCCGGGCTCAGCTCTCAGTACTGCCCGCTGCTGGGTGGCATT
 AGCGGCCGCGCCACCTCTCAGGCTTTGGGTTGGGTCTGATGGCTTGTGGGTCTCCAGAGCGTCCGGC
 TTCTCTCTCCGGTTACCACTCTTACCAGACCATGTACAACCTCGCAGGGCTCGGCAGCGAGACCCCA
 AAAACTCAAGTAGGAAGCCTGTCGTTCCAGAACAGGCTGACAGACCTGTCCCTGTCCAGACGTACCTCTG
 AGTGCTCCCTGTCATCTGAGTCTCAGAATCTTCTGATGCAGGTCTCTGCATGGACTCCCCTAGCCCTAT
 GGACCCACAGACAGCAGAGCGCACGTTTTGAACAGGCCATTAGGCAGCCAGTCGGGTCAAAAAGATG
 CAATTTACCATAAAAGCTTCGGTCTTGGCAGTGAGGCTGCTGGACATAGTCCTGTGCTACAGAACATCA
 CCAACTCCAAGCACTGGACAGCTGGGAGAAAGATGAAGCAGGCTACAGAGCTGCCAGTAGCTCTGGGA
 GGACAAAGAGAACGATGGATATATCTTCAAGATGCCACAGAAGCTCCCTCATTCCAGCTCTGCCGAGCT
 TTGGCAGAGTGGCCAGCCGAGAGAGGCTTTACCCAGAGGCCAGCTAGCCCTGACTTGATGTGTC
 TTACCACTGACGGGAAGATGGACGTGGAGGAGGCGAGCCCTGTGGCACAGTCTTCTCTCTGACTCCTGT
 CGAAAGGGCTTGTGAAGAAGATGACGGATTTGTGGACATCCTAGAGAGTGATTTAAAGGATGATGATATG
 GTCCCCGAGGCATGGAGAACCTCATTAGTGCTCCACTGGTCAAAAAGCTGGATAAGGAAGAGGAACAGG
 ATCTCATCATGTTTCAGCAAGTGCCAGCGGCTTTCCGCTCTCCATCCATGCCGTGCAGTGTGATCCGGCC
 CATCCTCAAGAGGCTAGAGCGGCCACGACAGGACGTGCCTGTCTGAGCAAGCGCAGGAAGAGTGGG
 ACACCCCTGGAAGAGCAGCAGCTTGAAGAACCAAGGCCCGGGTCTTCCGCTCAAAGTCCCTGTGTCACG
 AGATTGAGAGCATCCTGGACAGTGACCACCGTGGCCTGATTGGAGATTACTTAAGGCCTTCTCCTGCA
 GACTGTGGATGGCAACACCAAGACCTCAAGTACATCTACCAGAACTATGGTGGCCCTGTTGACAGGC
 AAGTTCAGCAACATCGTGGAGAAGTTTGTAAATGTGGACTGCAGATACCCCTATGAGTATGAAGGCGGGC
 ATATCAAGAATGCTGTGAACTTGCCCTGGAACCGGATGCCGAGACCTTCTGCTGAAGCATCCCATCAC
 GCCTTGTAACTGGACAAGAGAATCATCCTCATTTTCCACTGTGAATTCTCATCTGAGCGTGGACCACGG
 ATGTGCCGCTTTCATCAGGAACGGGACCGTGCAGCTAACGACTATCCAGCCTGTACTACCTGAGATGT
 ACATCCTCAAAGGCGGCTACAAGGAGTTCTTCCCGCAGCATCCGAACTTTTGTGAGCCCCAGGACTACCG
 ACCCATGAACCATGCAGCTTCCGGGATGAGCTGAGGAACTTCCGCTCAAGACACGCAGCTGGGCTGGG
 GAACGGAGTACCACCAACTCTGTAGCAGGCTGCAAGACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_133572

Insert Size: 1725 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.

RefSeq: [NM_133572.1](#), [NP_598256.1](#)

RefSeq Size: 2804 bp

RefSeq ORF: 1725 bp

Locus ID: 171103

UniProt ID: [P48966](#)

Cytogenetics: 3q36

Gene Summary: phosphatase; involved in the start of the cell cycle [RGD, Feb 2006]