

Product datasheet for RN206788

Ccndbp1 (NM_001013204) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ccndbp1 (NM_001013204) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ccndbp1
 Synonyms: MGC109078
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206788 representing NM_001013204
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGAGCTCGACAACCCAGTCTCGTTCCTTGTCTCCTCTAGAGCAGCTCCGGCACTTAGCAGAGG
 AGCTGCGGTCTGCTCGAGTACGGTTCGGCGAAGCCAGGAGACAGCCGAGGAATTAATCGAGA
 GATGTTTTGGAGAAGACTCAATGAAGCAGCAATGAAAGTGTCTGGGAAGCCACTGTTCTGACCACACTC
 TTCTCTAAAATCCATCGCCATCTCCACAGGAAACCCAGAGGATCTGTGAGCAAGTCCACATTGCCACTG
 AGGAAGTAATTGCAGCATACTACACATTTCTAAGGATCAGGGAATCACCTGAGAAAGCTGGTACGAAA
 TGCTGTCTGGACATCGTGGATGGCAGGCTCAGCTCCTGGATGCGCTCCTTGTCTCCATCTCAGAGC
 CCTGAGAATGGTACCTGATTTCTGCAATAGTGTCTCAGTTGCATGCCAACAGGTGGCTGAGATCCCAA
 AAGATAACAAAGCTGCAGCCCTTTGATGCTGACAAAGAGTGTGGATCTTGTGAAAGACGCTCATGAAGA
 AATGGAGCAGGCCGTGGAAGAAATGTGACCCTTACTGTGGCCTCTTGGATGATTCTGAGGACAACCCGAC
 AGCCACCATAATGAGGATGGTGTAGGGCTTCCCAGCAATCGGGACTCATACTGGTCAGAGGAAGATCAAG
 CACTCATAACTCCGTGCCTTGCATTGGTGAGAGCTTCCCGAGCTTCCCTCAAGAAAATCCGGATCTTGGT
 GGCTGAGAATGGAAGGAAGGATCAGGTCGCCAGCTGGATGACATTGTGGATATTTCTGATGAGATCAGC
 CCCAGTGTGGATGACTTGTTCTCAGCGTATATCCACCTGTGTGTACCTCACCGTGCGGATCACTTCTG
 CGAAACTGGTGTCTGTTTTAATAAAGGCTCTTGAGATTACAAAAGCAAGTACGTCAGCCCCAGCCAGG
 AGATAGCTGGATCCCTTTACTCATTAAATGCCGTTGACCATTGCATGGACAGAATTAAGGAGCTCACTCAG
 CGTGCAGTTGAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001013204



Insert Size:	1068 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:	<u>NM_001013204.1, NP_001013222.1</u>
RefSeq Size:	1452 bp
RefSeq ORF:	1068 bp
Locus ID:	362201
UniProt ID:	<u>Q5BK06</u>
Cytogenetics:	3q35
Gene Summary:	May negatively regulate cell cycle progression. May act at least in part via inhibition of the cyclin-D1/CDK4 complex, thereby preventing phosphorylation of RB1 and blocking E2F-dependent transcription (By similarity).[UniProtKB/Swiss-Prot Function]