

## Product datasheet for **SC212083**

### Cyclin D3 (CCND3) (NM\_001136017) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Cyclin D3 (CCND3) (NM\_001136017) Human 3' UTR Clone  
**Symbol:** Cyclin D3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_001136017  
**Insert Size:** 1054 bp  
**Insert Sequence:** >SC212083 3'UTR clone of NM\_001136017  
 The sequence shown below is from the reference sequence of NM\_001136017. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTACAGATGTCACAGCCATACACCTGTAGCCCTGGAGAGGCCCTCTGGAGTGGCCACTAAGCAGAGGA
GGGGCCGCTGCCACCCACCTCCCTGCCTCCAGGAACCACACCACATCTAAGCCTGAAGGGGCGTCTGTT
CCCCCTTCACAAAGCCCAAGGGATCTGGTCTACCCATCCCCGCAGTGTGCACTAAGGGCCCGGCCAG
CCATGTCTGCATTTCGGTGGCTAGTCAAGCTCCTCCCTGCATCTGACCAGCAGCGCCTTTCCCAAC
TCTAGCTGGGGGTGGGCCAGGCTGATGGGACAGAATTGGATACATACACCAGCATTCTTTTGAACGCC
CCCCCCCACCCCTGGGGCTCTCATGTTTTCAACTGCCAAAATGCTCTAGTGCCTTCTAAAGGTGTTGT
CCCTTCTAGGGTTATTGCATTTGGATTGGGGTCCCTCTAAAATTTAATGCATGATAGACACATATGAGG
GGGAATAGTCTAGATGGCTCCTCTCAGTACTTTGGAGGCCCTATGTAGTCCGTGCTGACAGCTGCTCC
TAGAGGGAGGGGCTAGGCCTCAGCCAGAGAAGCTATAAATTCCTTTTGCTTTGCTTTCTGCTCAGCT
TCTCCTGTGTGATTGACAGCTTTGCTGCTGAAGGCTCATTTTAATTTAATTTGCTTTGAGCACAAC
TTAAGAGGACATAATGGGGTCTGGCCATCCCAAGTGGTGGTAACCCTGGTGGTTGCTGTTTTCTC
CCTTCTGCTACTGGCAAAGGATCTTTGTGGCCAAGGAGCTGCTATAGCCTGGGGTGGGGTCATGCCCT
CCTCTCCATTGTCCCTCTGCCCATCCTCCAGCAGGGAAAATGCAGCAGGGATGCCCTGGAGGTGGCT
GAGCCCCGTGCTAGAGAGGGAGGCAAGCCCTGTTGACACAGGTCTTTCCTAAGGCTGCAAGGTTTAGGC
TGGTGGCCAGGACCATCATCCTACTGTAATAAAGATGATTGTGAAATAAAACTGGCTTTGGCTTCTTG
GAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** Sgfl-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_001136017.3</a></u>
<b>Summary:</b>	The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. The CDK4 activity associated with this cyclin was reported to be necessary for cell cycle progression through G2 phase into mitosis after UV radiation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]
<b>Locus ID:</b>	896
<b>MW:</b>	38.1