

Product datasheet for **SC212842**

CDC6 (NM_001254) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CDC6 (NM_001254) Human 3' UTR Clone
Symbol:	CDC6
Synonyms:	CDC18L; HsCDC6; HsCDC18; MGORS5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001254
Insert Size:	2000 bp



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Insert Sequence: >SC212842 3'UTR clone of NM_001254
 The sequence shown below is from the reference sequence of NM_001254. 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
GGAAATATCTTAGCTACTGGATTGCCTAAATTCTTCTCTTACACCCACCCGAAAGTATTCAGCTGGC
ATTTAGAGAGCTACAGTCTTCATTTTAGTGCTTTACACATTGGGCGCTGAAAACAATATGACCTTTTT
TACTTGAAGCCAATGAATTTAATCTATAGATTCTTAAATATTAGCACAGAATAATATCTTTGGGTCTT
ACTATTTTACCATAAAAGTGACCAGGTAGACCCTTTTTAATTACATTCACTACTTCTACCACTTGTG
TATCTCTAGCCAATGTGCTTGAAGGTACAGATCTGTGTAGAGGAATGTGTGTATTTACCTCTTCG
TTTGCTCAAACATGAGTGGGTATTTTTTGTGTTTTTTTTTGTGTTGTTGTTTTGAGGCGCGTCTC
ACCCTGTTGCCAGGCTGGAGTGAATGGCGGTTCTCTGCTCACTACAGCACCCGCTTCCCAGGTTGA
AGTGATTCTCTTGCCTCAGCCTCCGAGTAGTGGGATTACAGGTGCCACCACCGCGCCAGCTAATT
TTTTAATTTTTAGTAGAGACAGGTTTTACCATGTTGGCCAGGCTGGTCTTGAACCTGACCCCAAG
TGATCTGCCACCTTGGCCTCCCTAAGTCTGGGATTATAGGCGTGAGCCACCATGCTCAGCCATTAAG
GTATTTTGTAAAGAACTTAAGTTTAGGTAAGAAGAATGAAAATGATCCAGAAAATGCAAGCAAGTC
CACATGGAGATTTGGAGGACACTGGTAAAGAATTTATTTCTTTGTATAGTATACTATGTTTCATGGTGC
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TAAGGAGACTATAACTCTACAGATTGTGAATATATTTATTTTCAAGTTCATTCTTTGTCTTTTTAAGC
AATCAGATTTCAAGAGAGCTCAAGCTTTCAAGATCAATGTGAAAATTCCTTCTAGGCTGTCCACAG
TCTTTGCTGCCCTTAGATGAAGCCACTTGTTCAGATGACTACTTTGGGTTGGGTTTTTCATCTAAAC
ACATTTTTCCAGTCTTATTAGATAAATTAGTCCATATGGTTGGTTAATCAAGAGCCTTCTGGGTTTGGT
TTGGTGGCATTAAATGGCAATTTGTGACTGAGACACCAGAGGGCACCCCTATAACATTGACTACTTTGA
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CCAGTGACCAAGTCTGCTTTCCCTGAGCTCTCCTGCTGCCGCTCTACCTTTCTGACATGGCCTTCCA
TTTGGAACTTGATATGTGTACAAGTGATCTGTTGGCCACTGTTTCATTATCCTGACCACTGTATCCGT
GTAATGTGATCTGAGCTACAACAGGTGGTATGGGATAGAGGCAAGGAAAGCAGAGAGAGCCCTGAAA
TGAACACTACCCACTGGTGTGTGTAGCACATGATAGTCTGTAGGCATGAGTCTGAATGTTGTTCTCACA
CTCCTTACTAGAGTATTCGTTCCCTCTGAAGGTAGTTTGAACATGGAACACAGTTCTATACCTAGAA
GGTTGAAAAGTGTCTGGGACTATAAGGGTTAACATGCATAAATTGCAAAGATTGTCCGAAGGCTGATGGA
AAGCAGAGACTGAATGGGATTGAGAACAGATGCGAAGCTTGATTTAAATTACATTTTATTGGATGCTGC
AGCCTTAAGAGACGTGACTGCTTTACAGTTTGTTCACACTGTGGGCAGCTGCTGTCTGTTCTGTGTC
CACAGTAGGATCCTGCCAATAAGGAGCAGCCTCCCCACCTATTGTGTTGAGGCTTGGCGCCTTCC
ACGCGTAAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: 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).

Components: 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.

RefSeq: [NM_001254.4](#)

Summary: The protein encoded by this gene is highly similar to *Saccharomyces cerevisiae* Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early steps of DNA replication. It localizes in cell nucleus during cell cycle G1, but translocates to the cytoplasm at the start of S phase. The subcellular translocation of this protein during cell cycle is regulated through its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in response to mitogenic signals through transcriptional control mechanism involving E2F proteins. [provided by RefSeq, Jul 2008]

Locus ID: 990

MW: 75.9