

Product datasheet for **SC216410**

CDC25A (NM_001789) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CDC25A (NM_001789) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CDC25A
Synonyms:	CDC25A2
ACCN:	NM_001789
Insert Size:	1829 bp



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Insert Sequence: >SC216410 3'UTR clone of NM_001789
 The sequence shown below is from the reference sequence of NM_001789. 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
GAGATGTACAGTCGTCTGAAGAAGCTCTGAGGGCGCAGGACCAGCCAGCAGCAGCCCAAGCTTCCCTC
CATCCCCCTTTACCCTCTTTGCTGCAGAGAACTTAAGCAAAGGGGACAGCTGTGTGACATTTGGAGAG
GGGCCTGGGACTTCCATGCCTAAACCTACCTCCACACTCCCAAGGTTGGAGCCAGGCATCTTGC
TGGCTACGCCCTTCTGTCCCTGTAGACGTCCTCCGTCCATATCAGAAGTGTGCCACAATGCAGTTCT
GAGCACCGTGTCAAGCTGCTCTGAGCCACAGTGGGATGAACCAGCCGGGGCCTTATCGGGCTCCAGCCA
TCTCATGAGGGGAGAGGAGACGGAGGGGAGTAGAGAAGTTACACAGAAATGCTGCTGGCCAAATAGCAA
AGACAACCTGGGAAGGAAAGGTCTTTGTGGGATAATCCATATGTTAATTTATTCAACTTCATCAATCA
CTTTATTTTATTTTTTTTCTAACTCCTGGAGACTTATTTTACTGCTTCATTAGGTTGAAATACTGCCA
TTCTAGGTAGGGTTTTATTATCCAGGGACTACCTCGGCTTTTAAATTTAAAAAAGAAAGTGGGT
AAGAAAATGCAAACCTGTTATAAGTTATCGGACAGAAAGCTAGGTGCTCTGTACCCCCAGGAGGCCT
GTGGTACTGGGGCTGCTGCTATTTAAGCCAAGAACTGAGGTCTGGTGAGAGCGTTGGACCCAGGCTTG
GCTGCCTGACATAAGCTAAATCTCCAGACCCACCCTGCTACCGATATCTATTTGGTGGGAGGTGTG
GCCCTGTTCTTCCACCCAGTTCATGACATTGGCTGGTATAGGAGCCACAGTCAGGAAAGCACTTG
AGGCAGCATCTGTTGGGCCACCCCGGCTCAGTGTGGAATGTTGCAGTGTAGGTTTCCAGGGAAGGG
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GTGATATTGATAGCTTTTATTTTCTAATTTTTAAAAAATGGTCATATTATGAGTCAAAGATATCAAT
CAGTGTTGGATGGACCACCAAGGGTGAGGAGAGGGGCTGGAAGCCCTGGGCATTAGGAGAAGGGAGTG
GGTGTGCGCATGGACATGACTGGATAGAATTTTCTCAGGAGGGAGCTTGGTGGATTTTGAAGTAAAC
TTTCTGGGTTTATCATGTTTTAATTTTAGAGACAGGGAGTGATGAATCATCACCGTTGTCCCTTATC
TAACTCCATAAAAGTGGGAATTTCAAAGAACACCTCATCCAAGGAGCTGGGCAGACTTCATTGATTC
TAGAGAGACCTGTTTTCAGTGCCTACTCATCCCTGCCCTCTGGTGCAGCCTCCTTACCATCACGGCTTC
ACTGAGGTGTAGGTGGGTTTTTCTAAACAGGAGACAGTCTCTCCCTCTTACCTCAACTCTTGGGGT
GGGAATCAGTGATACTGGAGATGGCTAGTTGCTGTGTTACGGTTTGAGTTACATTTGGCTATAAAACA
ATCTTGTGGGAAAAATGTGGGGAGAGGACTTCTTCTACACCGCATTGAGACAGATTCCAAGTGGT
TAATGATATTGTTGTAAGAAAGAGATTCTGTTGGTTGACTGCCTAAAGAGAAAGTGGGATGGCCTTC
AGATTATACCAGCTTAGCTAGCATTACTAACCAACTGTTGGAAGCTCTGAAAATAAAAGATCTTGAACC
CATGCTCTCTGCCTAGTCTTGTGATGGATTTAAGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

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_001789.3](#)

Summary: CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 993

MW: 68.7