

Product datasheet for **SC212988**

CDC25B (NM_021873) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CDC25B (NM_021873) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CDC25B
ACCN: NM_021873
Insert Size: 1184 bp
Insert Sequence: >SC212988 3'UTR clone of NM_021873

The sequence shown below is from the reference sequence of NM_021873. 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
GAGCTCTGTAGCCGGCTGCAGGACCAGTGAAGGGCCTGCGCCAGTCTGCTACCTCCCTTGCCTTTGCA
GGCCTGAAGCCAGCTGCCCTATGGGCCTGCCGGGCTGAGGGCCTGCTGGAGGCCTCAGGTGCTGCCAT
GGGAAAGATGGTGTGGGTGTCCTGCCTGTCTGCCCCAGCCAGATTCCCTGTGTATCCCATCATTTT
CCATATCCTGGTCCCCCACCCTGGAAGAGCCAGTCTGTTGAGTTAGTTAAGTTGGGTTAATACCA
GCTTAAAGGCAGTATTTGTGTCCTCCAGGAGCTTCTTGTTCCTTGTAGGGTTAACCTTCATCTTC
CTGTGTCCTGAAACGCTCCTTTGTGTGTGTGTCAGCTGAGGCTGGGGGAGAGCCGTGGTCCCTGAGGAT
GGGTGAGAGCTAAACTCCTTCCAGCCTGAGAGTCAAGTCTTACTCTTTCCTATTTACGTGTTACCTGTGTG
CTTGGTCTGTTTGACTTTACGCCATCTCAGGACACTCCGTAGACTGTTTAGGTTCCCTGTCAAATA
TCAGTTACCCACTCGGTCCCAGTTTTGTTGCCCCAGAAAGGATGTTATTACCTTGGGGGCTCCCAGG
GCAAGGGTTAAGGCCTGAATCATGAGCCTGCTGGAAGCCAGCCCTACTGCTGTGAACCTGGGGCCT
GACTGCTCAGAACTTGCTGCTGTCTTGTGCGGATGGATGGAAGGTTGGATGGATGGGTGGATGGCCGT
GGATGGCCGTGGATGCGCAGTGCCTTGCAACCCAAACCAGGTGGGAGCGTTTTGTTGAGCATGACAGC
CTGCAGCAGGAATATATGTGTGCCTATTTGTGTGGACAAAAATTTTACACTTAGGGTTTGGAGCTATT
CAAGAGGAAATGTCACAGAAGCAGCTAAACCAAGGACTGAGCACCTCTGGATTCTGAATCTCAAGATG
GGGGCAGGGCTGTGCTTGAAGGCCCTGCTGAGTCATCTGTTAGGGCCTTGGTTCAATAAAGCACTGAGC
AAGTTGAGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_021873.4</u>
Summary:	CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role in tumor formation has not been determined. Multiple transcript variants for this gene exist. [provided by RefSeq, Jul 2008]
Locus ID:	994
MW:	43.2