

Product datasheet for **SC200514**

CDC14A (NM_033312) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CDC14A (NM_033312) Human 3' UTR Clone
Symbol:	CDC14A
Synonyms:	cdc14; DFNB32; DFNB35; DFNB105; hCDC14
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_033312
Insert Size:	111 bp
Insert Sequence:	<p>>SC200514 3'UTR clone of NM_033312</p> <p>The sequence shown below is from the reference sequence of NM_033312. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC AAATTTAATAGTGCCAAGGAAGCCTTCTGAGCGATGCCTTCCTCTGTGCTGTGAACTGTCTATGCAC TACATTCTGCTAGCTCCTCTTCAAGTAAACGCCAAGTCACAA ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-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:	<u>NM_033312.3</u>


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Summary:	The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. It is highly similar to <i>Saccharomyces cerevisiae</i> Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, suggesting a role in cell cycle control. This protein has been shown to interact with, and dephosphorylate tumor suppressor protein p53, and is thought to regulate the function of p53. Alternative splicing of this gene results in several transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]
Locus ID:	8556
MW:	4.1