

Product datasheet for **SC215224**

DCK (NM_000788) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DCK (NM_000788) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DCK
ACCN:	NM_000788
Insert Size:	1566 bp



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Insert Sequence: >SC215224 3'UTR clone of NM_000788
 The sequence shown below is from the reference sequence of NM_000788. 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
AAGGTCAAAGAGTTTTTGTACTTTGTGATCCTTGCTGAAGACTACAGGCAGCCAAATGGTTCCAGATA
CTTCAGCTTTGTGTATCTTCGTAACCTCATATTAATATAAGTTTCTTTAGAAAACCCAAGTTTTTAAATC
GTTTTTGTAAAAAGAAAAAGATTTTTAAAAATGAATCTTATGCAAACTTTTTGACCAGTTTCTTTTC
TTTTGTTTTTTTTAAAAAGACATTTAAAGACAAAGACATTATTTCTCATAGCAGGAAATGTAGAGG
TAGATGGTTCCAGTATCAGCATAGTGACTAAACTACATTATAAAAGATCCAGCTTCTTCTGTCACTCC
CCTTTTTGTCTTCTCAGCAGTTGGCTTTTTCCCTGGTGCCTCTCACTTCGTGGTGACCAGTTTC
TTAAACTGAAAGCTTAAATGTTACATAGTAAATGGTAGTGTGCCTGTGTAATTAAGTGTACCTATTA
AAGTTGCAAAGTGAATTAAGGAATCCCTAGAATAAGGATTCTGAAGTTTTATTTAAATTAATATCT
TCTAACAGTTTGTAGTCCACCTTACTTCTGCCTCAGTCTGCTTTCTACTGTCTGGATTAATTAG
GCAGCCTGCTATAAAGTTAAAGTACACATTTCTATTTTGCAAACACTGTGATTACTCTTTGCTTTGTA
GTTTGCTTTGCTTTGTAGGGTTCTGCTTTTAAAGTTTTCTTTTTTTCAGACAAATTAAGTATAAAATG
ATATTGCTCTATATGTAATATATCCTGAAAGCATTATTTTTTGTGAATAGGAAATAAAATTAATGAAG
ACAGAGGCTAGAAAGCATCCATTAATTAATGAGACACACTTAACTACTTATCTCTAAACCATCTATGTG
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TTAGTTAAGGTGTGCAGTGTTCCTGTGTATTAACCTTTCCATTTTACGTTTTAGAAAAATTTTATG
TATTTTAAAAAAGGGGAAGAGTCATTTTCACTTTTAACTACTATTTTCTTTTCCAAGTCATTTTTGT
TTTTGGTTTCTTATTCAAGATGATAATTTAGTGGATTAACAGTCCAGACGCACTGATCTTTGCAAAG
GAGACTTAATTTCAAATCTGTAATTACCATACATAAACTGTCTATTATACGTATGCATTTTTTTAGTT
TGTTTTTGTGGTATAAATTAATTTGTTAATTAATATTTCTTAAAGTATAAACCTTATGAACTACAGT
GGAGCTACACTCATTGAAATGTAATTTTCACTTTTAAAGATGTAATAATCATTTTAGAATTAATTTT
ATTCTACTTTTAAATAAATTAATGAATATTAAGGTGAAAATTTGATAAATTAATTTGATTCCATTTTAA
GTGGAGACATATTTCACTGATTTTTAGTAACCTTTAAAAATGTAATGACTTTTAAATTTGTAGAAT
TGAAGACGCTAATAAAAAATTTATTATTTATTTGTCATGACTCAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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: [NM_000788.3](#)

Summary: Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity. [provided by RefSeq, Jul 2008]

Locus ID: 1633

MW: 61.5