

Product datasheet for **SC212192**

DNA PKcs (PRKDC) (NM_001081640) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DNA PKcs (PRKDC) (NM_001081640) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PRKDC
Synonyms: DNA-PKC; DNA-PKcs; DNAPK; DNAPKc; DNPk1; HYRC; HYRC1; IMD26; p350; XRCC7
ACCN: NM_001081640
Insert Size: 1092 bp
Insert Sequence: >SC212192 3'UTR clone of NM_001081640

The sequence shown below is from the reference sequence of NM_001081640. 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
ACCTGGGAAGGATGGGAGCCCTGGATGTGAGGTCTGTGGGAGTCTGCAGATAGAAGCATTACATTGTT
TAAAGAATCTACTATACTTTGGTTGGCAGCATTCCATGAGCTGATTTTCTGAAACACTAAAGAGAAAT
GTCTTTTGTGCTACAGTTTCGTAGCATGAGTTTAAATCAAGATTATGATGAGTAAATGTGTATGGGTTA
AATCAAAGATAAGGTTATAGTAACATCAAAGATTAGGTGAGGTTTATAGAAAGATAGATATCCAGGCTT
ACCAAAGTATTAAGTCAAGAATAAATATGTGATCAGCTTTCAAAGCATTTACAAGTGTGCAAGTTAG
TGAAACAGCTGTCTCCGTAATGGAGGAAATGTGGGGAAGCCTTGGAAATGCCCTTCTGGTCTGGCACA
TTGGAAAGCACACTCAGAAGGCTTCATCACCAAGATTTTGGGAGAGTAAAGCTAAGTATAGTTGATGTA
ACATTGTAGAAGCAGCATAGGAACAATAAGAACAATAGGTAAAGCTATAATTATGGCTTATATTTAGAA
ATGACTGCATTTGATATTTTAGGATATTTTCTAGGTTTTTCTTTTCTTTTATTTCTCTTAGTTTT
GACATTTTATGATAGATTTGCTCTCTAGAAGGAAACGTCTTTATTTAGGAGGGCAAAAATTTTGGTCAT
AGCATTCACTTTTGTATTCCAATCTACAACCTGGAAGATACATAAAAGTGCTTTGCAATGAAATTTGGGA
TAACTTCAAAAATCCCATGGTTGTTGTTAGGGATAGTACTAAGCATTTCAAGTCCAGGAGATAAAAAGA
AATTCCTATTTGAAATGAATTCCTCATTGGAGGAAAAAAGCATGCATTCTAGCACAACAAGATGAAA
TTATGGAATACAAAAGTGGCTCCTTCCCATGTGCGAGTCCCTGTCCCCCCCCGCCAGTCTCCACACCCA
AACTGTTTCTGATTGGCTTTTAGCTTTTGTGTTTTTTTTTTTCTTCTAACACTTGATTTTGGAGGC
TCTTCTGTGATTTGAGAAGTACTCTTGAGTGTTAATAAAAGTTTTTTTCCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-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_001081640.2</u> |
| Summary: | This gene encodes the catalytic subunit of the DNA-dependent protein kinase (DNA-PK). It functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination. The protein encoded is a member of the PI3/PI4-kinase family.[provided by RefSeq, Jul 2010] |
| Locus ID: | 5591 |
| MW: | 42.1 |