

Product datasheet for SC212193

DNA PKcs (PRKDC) (NM_006904) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DNA PKcs (PRKDC) (NM_006904) Human 3' UTR Clone
Symbol:	DNA PKcs
Synonyms:	DNA-PKC; DNA-PKcs; DNAPK; DNAPKc; DNPk1; HYRC; HYRC1; IMD26; p350; XRCC7
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006904
Insert Size:	1092 bp
Insert Sequence:	>SC212193 3'UTR clone of NM_006904 The sequence shown below is from the reference sequence of NM_006904. 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
ACCTGGGAAGGATGGGAGCCCTGGATGTGAGGTCTGTGGGAGTCTGCAGATAGAAAGCATTACATTGTT
TAAAGAATCTACTATACTTTGGTTGGCAGCATTCCATGAGCTGATTTTCCTGAAACACTAAAGAGAAAT
GTCTTTTGCTACAGTTTCGTAGCATGAGTTAAATCAAGATTATGATGAGTAAATGTGTATGGGTTA
AATCAAAGATAAGGTTATAGTAACATCAAAGATTAGGTGAGGTTTATAGAAAGATAGATATCCAGGCTT
ACCAAAGTATTAAGTCAAGAATAAATATGTGATCAGCTTTCAAAGCATTACAAGTGCTGCAAGTTAG
TGAAACAGCTGTCTCCGTAATGGAGGAAATGTGGGGAAGCCTTGAATGCCCTTCTGGTTCTGGCACA
TTGGAAAGCACACTCAGAAGGCTTCATCACCAAGATTTTGGGAGAGTAAAGCTAAGTATAGTTGATGTA
ACATTGTAGAAGCAGCATAGGAACAATAAGAACAATAGGTAAAGCTATAATTATGGCTTATATTTAGAA
ATGACTGCATTTGATATTTTAGGATATTTTCTAGGTTTTTCTTTTCATTTTATCTCTCTAGTTTT
GACATTTTATGATAGATTTGCTCTCTAGAAGGAAACGCTTTTATTTAGGAGGGCAAAAATTTGGTCAT
AGCATTCACTTTTGCTATTCCAATCTACAACCTGGAAGATACATAAAAGTGCTTTGCATTGAATTTGGGA
TAACCTCAAAAATCCCATGGTTGTTGTTAGGGATAGTACTAAGCATTTCAGTTCCAGGAGAATAAAAGA
AATTCCTATTTGAAATGAATTCCTCATTGGAGGAAAAAAGCATGCATTCTAGCACAAACAAGATGAAA
TTATGGAATACAAAAGTGCTCCTTCCCATGTGCAAGTCCCTGTCCCCCCCCGCCAGTCTCCACACCCA
AACTGTTTCTGATTGGCTTTTAGCTTTTGTGTTTTTTTTTTTCTTCTAACACTTGTATTTGGAGGC
TCTTCTGTGATTTGAGAAGTACTCTTGAGTGTTAATAAAGTTTTTTTCCAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG

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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:	NM_006904.7
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