

Product datasheet for **SC204390**

PCNA (NM_182649) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PCNA (NM_182649) Human 3' UTR Clone
Symbol:	PCNA
Synonyms:	ATLD2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_182649
Insert Size:	360 bp
Insert Sequence:	>SC204390 3'UTR clone of NM_182649 The sequence shown below is from the reference sequence of NM_182649. 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
CCCAAGATCGAGGATGAAGAAGGATCTTAGGCATTCTTAAAATTCAAGAAAATAAACTAAGCTCTTTG
AGAAGTCTTCTAAGATGCCAGCATATACTGAAGTCTTTTCTGTCACCAAATTTGTACCTCTAAGTACA
TATGTAGATATTGTTTTCTGTAAATAACCTATTTTTTCTCTATTCTCTGCAATTTGTTAAAGAATAA
AGTCCAAAGTCAGATCTGGTCTAGTTAACCTAGAAGTATTTTTGTCTCTTAGAAATACTTGTGATTTTT
ATAATACAAAAGGTCTTGACTCTAAATGCAGTTTTAAGAATTGTTTTGAATTTAAATAAAGTTACTT
GAATTTCAAACATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.



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RefSeq: [NM_182649.2](#)

Summary: The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome. [provided by RefSeq, Jul 2008]

Locus ID: 5111

MW: 13.8