

Product datasheet for **SC209384**

DNA Primase (PRIM2) (NM_000947) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DNA Primase (PRIM2) (NM_000947) Human 3' UTR Clone
Symbol:	DNA Primase
Synonyms:	p58; PRIM2A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000947
Insert Size:	722 bp
Insert Sequence:	>SC209384 3'UTR clone of NM_000947 The sequence shown below is from the reference sequence of NM_000947. 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
CTAGAAGATTACTTTAGTGAAGATTCTTAGGCAGTTTTATAACCCTTTTCTCAATAGCCTGTTTCCT
GTTTTAAAGATTTGCCTTTGTTGTTGAAAAAGGGTTTCACTCTGTCCACCAAGGCTTAGTGCAGTGACA
CAATTACAGCTGATTGCAGCCTTGACCTTCCCAGCTCAAGTGATCCTCCTACCTCAGCCTCCCAAGTAG
TTAGGACCACAGGTGTGCACCTCATATCCAGATAATTTTTTTCAATTTTTTTTGTAGAGGTGGGGGT
CTCCCTATGTTGCCAGGCAGATCTCAGACTCCTGGGCTCAAGCGATCCTCACACCTCAGCGTCCCAGA
GTGCTGGGATTACGGTTGTGAGCCACTGTGCCTGGCCTTTTTTTTTTTTTTAACCTTTTTGTTAACTT
CTCTCTTCACTGCATCCCAATCCATCTACAGGCATGCACACTTATTAGGAAAGGAGGTTTGTAGGTAACA
ACAGAGACTTTCACTATATTTTGCTTTGACAGAAGGAAAGAGGAGGTTTCTATTAATACTGTCACT
TGAGTGATGTCATTTAAGTCCTATTTTAGGAGATAAAAACAGCTTTGGGGACTGGTTAAAGTCCCCCAG
AAACTACAATAAAGAACAACCTTTGTTTTAACTCTTAATCACTTTGTAATTTTGAATTTTGAATCCTTTTCT
GGACCATTTTGTAAATAAATATCAAAGTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).



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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_000947.5
Summary:	This gene encodes the 58 kilodalton subunit of DNA primase, an enzyme that plays a key role in the replication of DNA. The encoded protein forms a heterodimer with a 49 kilodalton subunit. This heterodimer functions as a DNA-directed RNA polymerase to synthesize small RNA primers that are used to create Okazaki fragments on the lagging strand of the DNA. Alternative splicing of this gene results in multiple transcript variants. This gene has a related pseudogene, which is also present on chromosome 6. [provided by RefSeq, Apr 2014]
Locus ID:	5558
MW:	27.6