

Product datasheet for **SC211484**

DNA2 (NM_001080449) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DNA2 (NM_001080449) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DNA2
Synonyms: DNA2L; hDNA2
ACCN: NM_001080449
Insert Size: 1005 bp
Insert Sequence: >SC211484 3'UTR clone of NM_001080449
The sequence shown below is from the reference sequence of NM_001080449. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
CACATATTGGGTGACTTTCAAAGAGAATAAAACTATTTCCCTTGCCCTTTTCATACTAGGGCAGTATC
TCCTCTAGCTAGTGCCCATACAGAAAATTCATCACCATACAAAATTTAATGCAGTATTTATGTTTTAA
AGCACAGGTGTACCGAAAAGTGTGAAAAGTCTGAATTTATGGGTTCTATGCATGCATTTTGCCTAAC
TAGAGAAAGAGTTTGATAAATTTTACCAGCTTTGAAGATGGATTAACCTTTGACTTTGAGCTTTAAAC
TTTTAAGTCAGACATTTCAGGACTAATTTGATTTGTAGATATCATTGTAAGAACTTTATTTGAAAGAC
TGAATAAAGGGATTTGATTTGTTTTCATCATTTAAGCACAGTCTGTGATGATGAGAACATAAGTGTGA
TTCTTTCTGTATTTGAGGTCCCTAATCCAAAGCCATTTTGCTAGGATTTTTCTGCTATCAGATGT
GTTTTCACTCTAAACCTAGTCTTTATGACATGAATTGATTACTTCTGTAAATTTCTATCCTCCCTT
ACTATCCTCCTTTTTGTTTTGAGTATTCAGTATTCAGTATTCAGTATTCTAGAGTAGATTTTGATATAAAAGAA
AATAATTCCTACATCATCTTTGCAACAAATTTGTTTTCTGAATTGATAATAAATTTAAAAAGTTGAT
TCCTATTTTACATATGTTTCATATGCCCTATGTTGGGGGTATCACTCAGTTTTCCCTTTTTTGTTA
AAGATGTTTTGTAACAAAATTGTCTCAAAGTATTATATTATATATAAAAAGTAACAGATTTTAA
CAAAGGTTAAAGATTCTTGGGGTAACAGATTCTTCTGGGGCTTGGAAATCTCCATTTCTCTTGAGGG
TTTTTTTTAATGAGTGTTAAATATGTTAAATTTTTATTTCTACCTCATGTGTTTTTTAAATTATTAC
TTGAAGTTTTTTATTTAATAAATTTTTTCTACTAATGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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_001080449.3
Summary:	This gene encodes a member of the DNA2/NAM7 helicase family. The encoded protein is a conserved helicase/nuclease involved in the maintenance of mitochondrial and nuclear DNA stability. Mutations in this gene are associated with autosomal dominant progressive external ophthalmoplegia-6 (PEOA6) and Seckel syndrome 8. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2014]
Locus ID:	1763
MW:	39.8