

Product datasheet for **SC211903**

PARN (NM_001134477) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PARN (NM_001134477) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PARN
Synonyms: DAN; DKCB6; PFBMFT4
ACCN: NM_001134477
Insert Size: 1046 bp
Insert Sequence: >SC211903 3'UTR clone of NM_001134477

The sequence shown below is from the reference sequence of NM_001134477. 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
ACACTCTTTGAAGTTCCTGACACATGGTACCAAGACCTGAGGGCAGCAAACCGCTGGTGTGCTGCTG
TGAGCAAGAGCCGGCTGGCACATTTGGAAGCCGCACTGTATTTAACTTAATCAAATGTGGTATGGGAGG
GGTTGGAACCAAGTTGTCTCCTGGGGGGGAGAAAACAGGTTTTATTTTTGTGGCTGTGGTTTTTCCC
CTTTTTAATCTAACTGCCTGTTGACATTGACACTCATCACGGTTGTAGGCTGTCATGAATGTGTACGTG
CTTAACCAGTGAATCCGTGTTGCTCTTGTGAGGCCTTCTGTCATGACCCAGTGTGCTTAAGAACCT
GCCTGATGGGGAGTGTGGCTGTGAAATCTGCAAAAAGAGCTGACATTCCAGCTGCTGTGATCATGAAT
TTGGGGGTGTACTGTCTGCCTGTGCATCTTCTCGCACTGAGATTTTGGGCAGTTGCAGCCCTCGGTT
AGTCTCCAGTGGAAAAATCGGTTGTGCCTCCCTGCTTCCCACCATAGCTGCCTGAAAACATGACGCTC
TCAAGCTTGTCTTCTCAGGAAGATGTCCACTCATGCCACCCATGAGAGGGCTTGCCTGATGCCCT
GGCCTTTGGGCATATTTATGTAGAGTTCCTTTCTCCTAAGACGTGAGTTTCTCATGGGGGATGTACGAG
TAAAAAGTTAACTTCTGTTCTTATGCGTGGCGCTGTGTCACTTCCAGAGTCTCTGTTGTTTTGTTT
GGATGGCGGTCTCGGGTACGGCAGCGTGTGTGCGTACGTGTCTGTGTGTGTGTGTGTGTGTGTG
TGTGTGTGTGTGTGTGTGTGAAATCGTGCAAACTACAACATGTCCCAGCCATTCTCCGTTGAAAC
AGATCACAGCAACGACAAACGCTCATGGCGCTGCTTGTCCACCCGCTTCCAGATAGATCATTGTTAGA
TATTTACATTTTGTATGGTGGAAATAAAAATGAAAAATGATTTCCAAAAGATGAAAATAAAAACA
TTTTCATAGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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:	<u>NM_001134477.3</u>
Summary:	The protein encoded by this gene is a 3'-exoribonuclease, with similarity to the RNase D family of 3'-exonucleases. It prefers poly(A) as the substrate, hence, efficiently degrades poly(A) tails of mRNAs. Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs. This protein is also involved in silencing of certain maternal mRNAs during oocyte maturation and early embryonic development, as well as in nonsense-mediated decay (NMD) of mRNAs that contain premature stop codons. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]
Locus ID:	5073
MW:	39.2