

Product datasheet for **MC203133**

Parn (NM_028761) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Parn (NM_028761) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Parn
Synonyms:	1200003I18Rik; DAN
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021899
 GTGCTGTTTTCGTGGCGGCTCCGACATCCCCACGCTGCTTTTGCTGCGGAACTCTGCGCGTGGACCGGCG
 TCAGCCTGGGCGGGGCCAAGGTTCCGTCTGCGCCGAGGATGGAGATAATCCGGAGCAATTTTAAGATTA
 ATCTTCACAAAGTGTACCAGGCCATAGAGGAGGCTGACTTCTTCGCCATCGATGGGGAGTTTTCCAGGAAT
 CAGCGATGGACCCCTCAGTAACAGCATTAAACAAGTGGTTTTGACACCCAGAAGAGAGATATCAGAAGCTT
 AAAAAGCATTCCATGGACTTTTTGCTGTTTCAGTTTTGCCCTTTGTGCTTTAAGTATGCCACACAGATT
 CCAAGCATGTAAACGAAGTCATTTAACTTCTATGTTTTCCCAAGCCTTTCAGTAGGTCCTCACCAGATGT
 CAAGTTTTGTTTGGCAGAGCTCCAGCATTGACTTCTGGCCGAGCCAAGGATTTGACTTTAATAAAGTGTTT
 TGCAGTGGGATTCCATATCTGAATCAGGAAGAAGAAAGGCAGCTGAGAGAGCAATTCGATGAAAAACGGT
 CTAAGCCAATGGGGCAGGAGCTCTGGCAAAATGTCCTGTGACCATCCCTGAGGATCAGAAGAAGTTTAT
 TGACCAAGTAATAGAGAAGATAGAGGATTTCTACAAAGTGAAGAGAAGAGGAGCCTGGAACCTTGACCCA
 TGCAGTGGGTTCCAAAGAAAACCTATTTATCAGACTTTGAGTTGGAAGTATCCTAAAGGCATTTCATGTTG
 AGACATTAGAGACTGACAAGAAGGAAAGACATATAGTTATCAGCAAGGTGGATGAAGAAGAACGCAAAAAG
 GAGAGAGCAGGAGAAGTATACAAAGGAACAGGAGGAGCTGAATGATGCTGTGGGTTTTCAAGATCATC
 CATGCCATTGCTAATTCGGGGAAGCTGGTTGTGGGACACAACATGCTCTTGGATGTCATGCATACGATTC
 ATCAGTTCTACTGCCCTGCCTGCGGACTGAATGAGTTAAGGAGATGGCAATATGTGCTTCCCCAG
 ACTCTTGGATACTAAGTTGATGGCCAGCACACAGCCTTTTAAGGATATCATTAAACAACACATCCCTTGCA
 GAGTTGGAAAAGCGGTTGAAAGAGACACCTTTGACCCTCCCAAAGTTGAAAAGTGCAAGAAGGCTTTCCAA
 GCTACGACACAGCTTCTGAGCAGCTTCATGAGGCGGGGTACGATGCCTACATCACAGGGCTCTGCTTCAT
 CTCCATGGCAAATTACTTAGGTTCTTTACTCAGTCCTCCAAAAATGTGTGTGTCTGCCAGATCAAAGCTC
 ATTGAACCCTTTTTTAAACAAGTTATTTCTATGAGGGTCATGGATATTCCTATTTAAACTTGGAAAGGC
 CAGACTTGACGCTAAGCGGGACCATGTTCTCCACGTGACCTTCCCAAAGAGTGGAAAACCAGCGACCT
 GTACCAGCTCTCAGCGCCTTCGTAACATTCAGATATCCTGGATTGATGATACATCAGCCTTCGTTTCT
 CTCAGCCAGCCAGAACAAGTACAATTTGCCGTTAATACCAGCAAGTACGCTGAAAAGTTATCGGATCCAGA
 CCTATGCTGAGTATGTGGAAAAGAGCAGGAAGGCAAGCAGGTCAGAGGAAGTGACAGAAAGACAGTTG
 GAAGGAGGTGGACAGAAAGCGGCCCCACATGCAGGGCCCTGTTACCACAGCAACAGCTTACAGCAGCT
 GGCGTGTCTGGAAAGAGAACGCTGAGTCTGACCCAAGGGAAGCTGCCTTGGAGGACAGAGAATCAGAGG
 AGGTATCTGACTCGGAGCTTGAACAGACAGATTCTGTACAGACCCCTCCAGAGGGAAGGAAAAAGTC
 CAAGAAGTAAAACGAATGAAGAAGGAGCTTTCCTTGGCAGGAAGTGTCTCGGATAGCCCTGCCGTGCTC
 TTTGAAGTCCCTGACACATGGTAGTGGAGTACTGCTGCGACAGCCAGCCTACCTGCTTGAAGCCATAC
 TGTAGACACTTAACCAGATATGGCTGGGGAGTTTTTGAACCAGATTGTTTCTGCAAAGCTACTTTTT
 ACTGTTTTGGCTGCATCTATTGTCCTTTTAGTCTAAACTGACCTTTGGCACACGTCGTGTTGAGGGCT
 TCTGCAAGCGTGTGTGTTATTAATAAATACTTCTCTGCTCCTTGAACCTGCCTGCCCTGGTGAATGTT
 GGCAAGTCCACCCAGGGAGTAAGTCAGCTGTGAACCACGCCAGGAGGCCAACCTCCGGGGTGTCTTAGG
 CAGATTTCTGCAGAGCTTCTCCTGCCGAGATGTGCCCTGCCATCCTCCCACTGCTGCCCTGAAACAGCA
 CACAGGCTTGTCTTTTTCAGTGGGAGATTCTGTGCTAGCTCAGGCTCATCTCAACAGATGCCAGGCTTT
 GAGAGCTTGTATTTCAAGTTTCTTTCCCTCAGATAGGAGTGTGTCCCGGTGTGGTGACATGTGTGTGA
 GAAGCTGGCTCTTCTGTTCCACGCACAGGTTTACGGTGCAGCAGCTTCTCCTGGTTTTTACTGTATGT
 CTTTGTGCATCTGTATCTGGGTACATGGTGTGTGTGTCTGTCTGTGTGTGTATGTGTCTGTGTGTG
 TCTGTCTGTCTGTGTGACAGTGGCAGGCTACAGCATGCATCAAGTCCCTCACTCAGACAGGTTTCAGT
 GGCAGAGCCTCACTTGTCTGCTGAGGATACCCACAGCAGACACTTCTGGACATGTAACGCTTTTGTATC
 ATGAAAATAAAAGTGAAAAAGTAAATTTCAAAAAGCTGAAATTAAGAAAATTTCTAGAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
 ACCN: NM_028761
 Insert Size: 1875 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC021899 , AAH21899
RefSeq Size:	2900 bp
RefSeq ORF:	1875 bp
Locus ID:	74108
UniProt ID:	Q8VDG3
Cytogenetics:	16 A1
Gene Summary:	<p>3'-exoribonuclease that has a preference for poly(A) tails of mRNAs, thereby efficiently degrading poly(A) tails. Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs and is also used to silence certain maternal mRNAs translationally during oocyte maturation and early embryonic development. Interacts with both the 3'-end poly(A) tail and the 5'-end cap structure during degradation, the interaction with the cap structure being required for an efficient degradation of poly(A) tails. Involved in nonsense-mediated mRNA decay, a critical process of selective degradation of mRNAs that contain premature stop codons. Also involved in degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3' UTR, possibly via its interaction with KHSRP. Probably mediates the removal of poly(A) tails of AREs mRNAs, which constitutes the first step of destabilization (By similarity). Also able to recognize poly(A) tails of microRNAs such as MIR21 and H/ACA box snoRNAs (small nucleolar RNAs) leading to leading to microRNAs degradation or snoRNA increased stability (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>