

## Product datasheet for **RR217019**

### **Parn (NM\_001270415) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Parn (NM_001270415) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Parn
Synonyms:	RGD1565449
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR217019 representing NM\_001270415  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGATAATCCGGAGCAATTTTAAGATTAATCTTCCCAAAGTGTACCAGGCCATAGAGGAGGCTGACT  
 TCTTCGCCATCGATGGGGAGTTTTTCAGGAATCAGTGATGGACCCTCAGTAACAGCATTAAACAAGTGTTT  
 TGACACCCCAAGAAGAGATATCAGAAGCTTAAAAAGCATTCCATGGACTTCTTGCTGTTTCAGTTTGGC  
 CTCTGTGCTTTTAAGTATGACCACGCCAATTCGAAGCATGTAACGAAGTCGTTTAACTTCTATGTTTTCC  
 CCAAGCCTTTCAGTAGGTCCTCACCAGATGTCAAGTTTGTGGCCAGAGCTCCAGCATTGACTTTCTGGC  
 AAGCCAAGGATTTGACTTTAATAAAGTGTGGCAGTGAATTCATATCTGAACCAGGAAGAAGAAAGA  
 CAGCTGAGAGAGCAATTTGATGAAAAACGTTCTCAGGCCAATGGGGCCGGAGCTCTGACAAAATGCCTG  
 TGACAATTCCTGAGGATCAGAAGAAGTTTATTGACCAAGTAATAGAGAAGATAGAGGGTTTCTACAGAG  
 AGAAGAGAAGAGGACTCTGGAACCTAACCCATGCACTGGGTTCCAAAGAAAACCTATTTATCAGACTTTG  
 AGTTGGAAGTATCCCAAAGGCATTCATGTTGAGACATTAGAGACTGACAAGAAGGAAAGACACATAGTTA  
 TCAGCAAAGTGGATGAAGAAGAACGCAAAAGGAGAGAACAGGAGAAGTACGCAAAGGAGCAGGAGGAACT  
 GAATGATGCTGTAGGATTTCAAGAGTCATCCATGCGATTGCTAATTCGGGGAAGCTGGTTGTTGGACAC  
 AACATGCTCTGGATGTCATGCACACTATTCACCAGTTCTACTGCCCTCTGCCTGTGGACCTGAATGAGT  
 TTAAGGAGATGACAACATGTGTCTTCCCGAGACTCTGGATACTAAATGATGGCCAGCACCCAGCCCTT  
 TAAGGATATCATTAAACAATACATCCCTTGCAAGTGGAAAAGCGGTTGAAAGAGACACCTTTTGACCCT  
 CCTAAAGTTGAGAGTCCGGAAGGCTTTCCAAGCTACGACACAGCTTCTGAGCAGCTGCATGAGGCAGGTT  
 ATGATGCGTACATCACAGGACTCTGCTTCACTCCATGGCAAATTACTTAGGTTCTTACTCAGTCCCTCC  
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 CCTTCCCTAAAGAATGGAACCAGTGACCTGTACCAGCTCTTACGCGCTTTGGTAACATTCAGATATC  
 CTGGATTGATGACACATCAGCCTCGTTTCTCTCAGCCAACCAGAACAAGTACAAATTGCTGTTAATACC  
 AGTAAGTATGCTGAAAGTTATCGGATCCAGACCTACGCTGAGTATGTGGGAAAGAAGCAGGAAAGCAAGC  
 AGGTCAAGAGGAAGTGGACAGAAGACAGTTGGAAGGAGGTGGACAGAAAGCGGCCCCACGTGCCGGGCC  
 CTGTTACCACACCAACAGCTTCACTGCAGCCGGCATAGTTGGAAGAGAAGTCTGAGTCCCGACCCTCGG  
 GAAGCTGGAGTGGTGGACAGAGAATCAGAGGGAATATCTGACCCGGAAGTTGAACAGACGGATTACTGTG  
 CAGACCCCTCCAGAGGGAAGGAAAAAGGCCAAGAAGTTAAAAAGAATGAAGAAAGAGTTTCTTCTGGC  
 AGGAAGTGCTCAGATAGCCCTGCTGTGCTTTTTGAAGTCCCGACACGTGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

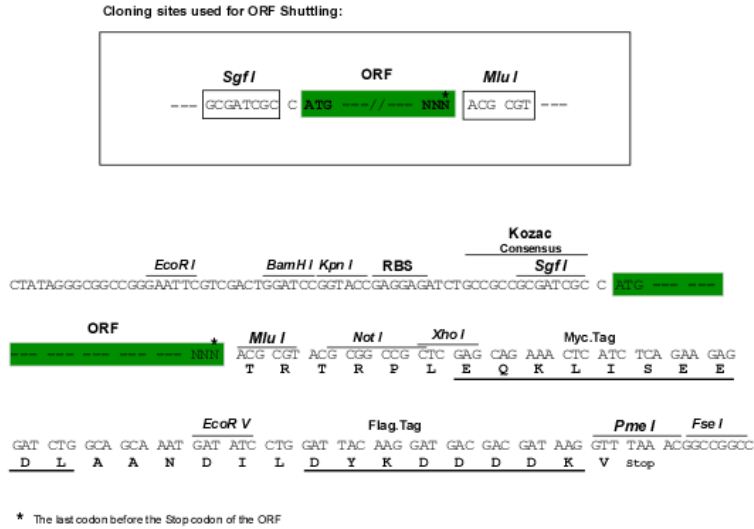
>RR217019 representing NM\_001270415  
 Red=Cloning site Green=Tags(s)

MEIIRSNFKINLPKVYQAIEEADFFAIDGFEFSGISDGPSTALTSGFDTPEERYQKLLKHSMDFLLFQFG  
 LCAFKYDHANSKHVTKSFNFYVFPKPFSSRSPDVKFCQSSSIDFLASQGFDFNKVFCSGIPYLNQEEER  
 QLREQFDEKRSQANGAGALTKCPVTIPEDQKFKIDQVIEKIEGFLQREEKRTLELNPCTGFQRKLIYQTL  
 SWKYPKGIHVETLETDKKERHIVI SKVDEEERKRREQEYAKEQEELNDVAVGFSRVIHAIANSGLVVGH  
 NMLLDVMHTIHQFYCPLPVDLNEFKEMTTCVFPRLDCLKMASTQPFKDIINNTSLAELEKRLKETPFDP  
 PKVESAEGFPSYDTASEQLHEAGYDAYITGLCFISMANYLGSLLSPPKTCVSARSKLIIEPFFNKFLMRV  
 MDIPYLNLEGPDLQPKRDHVLHVTFPKEWKTSDLYQLFSAFGNIQISWIDDTSAFVLSQPEQVQIAVNT  
 SKYAESYRIQTYAEYVGKKQESKQVKKRWTEDSWKEVDRKRPHVPGPCYHTNSFTAAGIVGKRTLSPDPR  
 EAGVVDRESEGISDPELEQTDYCADPLPEGRKKAKKLRMKKEFSLAGSASDSPAFLFEVPDTW

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001270415

ORF Size: 1872 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM\\_001270415.1](#), [NP\\_001257344.1](#)

RefSeq Size: 1875 bp

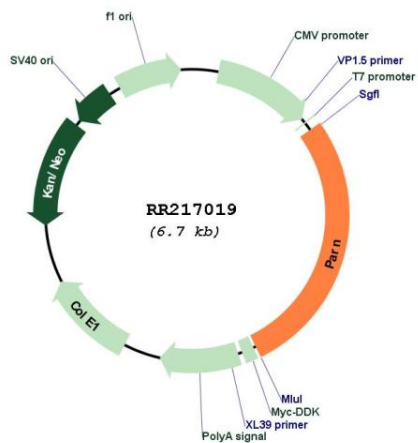
RefSeq ORF: 1875 bp

Locus ID: 360464

Cytogenetics: 10q11

MW: 71.4 kDa

Product images:



Circular map for RR217019