

Product datasheet for RN204061

Parl (NM_001035249) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Parl (NM_001035249) Rat Untagged Clone
Tag: Tag Free
Symbol: Parl
Synonyms: Psarl
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204061 representing NM_001035249
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGTTGTATAGTTGGGTACAGCGAGGCTGGCGCTGCGGTGACACGTGGGCGCCTCTCTTGGGTGGCG
 GCTACCGGGAGCTCTCTGCGACCCAGGCCCGGCAGCTGCTTGACGCAGGTTAACCTACTTCTTCAGCA
 AAAATGTGGATTTAGAAAAGCACCGAGGAAGGTGGAGCCTCGAAGGTGACACACAGGGTCAAGTGGAGAA
 GCATACAAGAGAAGTGCCTTGATCCCACCCTGGAGGAAACAGTCTTTTACCCTTCCCCCTACCCTGTAA
 GAACACTCCTGAAGCCCTTTTTCTTCCAGGTTGGGTTACAGGCTGTGCATTTGGTTGAGCTGCTATTTG
 GCAGTATGAATCACTCAAGTCCAGGGTTCAGAGTTATTTTATGGCATAAAAAGCTGACTGGTTGGATAGC
 ATACGGCCACAAAAGGAAGGAAACCTCAGAAAAGGAGATTAACAAGTGGTGAATAGCCTAAGTATGGCC
 AGCGGACTGTGACAGGTATCATAGCTGCGAATGCCCTCGTATTCTGCTTATGGAGAGTGCCGTCCCTGCA
 TCGAACCATGATCAGATACTTTACATCCAACCCAGCATCAAAGTTCTTTGTTCCCAATGCTGCTTTCC
 ACGTTCAGTCATTTCTCCTTATCCACATGGCAGCTAACATGTATGTTTTGTGGAGCTTCTCAACTAGCA
 TCGTGAACATTCTGGGTCAGGAGCAGTTTGTGGCAGTGTACCTGTCTGCAGGTGTTATTTTGAATTTTGT
 CAGTTATGTGTGCAAAGTTGCCACAGGAAGATACGGACCTTCACTTGGTGCCTCAGGCGCAATCATGACT
 GTGCTTGACGCTGTCTGCACCAAGATCCCGAGGGGAGACTCGCCATCATCTTCTCCCTGTTTTACCT
 TCACTGCAGGCAATGCCTTAAAAGCCATCATTGCCATGGATACAGCTGGGATGATCCTGGGATGGAAGTT
 TTTTGATCATGCAGCACATCTTGGGGGAGCCCTTTTGAATAATGGTATATCACGTATGGACATGAACCT
 ATTTGGAAGAACAGGGAGCCTCTAGTAAAATCTGGCACGAAATAAGGACTAATGGCCCCAAGAAAGGAG
 GTGGCTCTAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001035249
Insert Size:	1134 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:	<u>NM_001035249.1, NP_001030326.1</u>
RefSeq Size:	1343 bp
RefSeq ORF:	1134 bp
Locus ID:	287979
UniProt ID:	<u>Q3B8P0</u>
Cytogenetics:	11q23
Gene Summary:	Required for the control of apoptosis during postnatal growth. Essential for proteolytic processing of an antiapoptotic form of OPA1 which prevents the release of mitochondrial cytochrome c in response to intrinsic apoptotic signals (By similarity).[UniProtKB/Swiss-Prot Function]