

Product datasheet for RN216061

Park7 (NM_001277249) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Park7 (NM_001277249) Rat Untagged Clone
Tag: Tag Free
Symbol: Park7
Synonyms: CAP1; DJ-1; Dj1; SP22
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216061 representing NM_001277249
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCATCCAAAAGAGCTCTGGTCATCCTAGCCAAAGGAGCAGAGGAGATGGAGACAGTGATTCCCTGTGG
 ACATCATGCGGCGAGCTGGGATTAAGTCACCGTTGCAGGCTTGGCTGGGAAGGACCCCGTGCAGTGTAG
 CCGTGATGTAGTATTTGTCCGGATACCACTCTGGAAGAAGCAAAAACACAGGGACCATACGATGTGGTT
 GTTCTTCCAGGAGAAATCTGGGTGCACAGAATTATCTGAGTCGGCTTTGGTGAAGGAGATCCTCAAGG
 AGCAGGAGAACAGGAAGGGCCTCATAGCTGCCATCTGTGCGGGTCTACGGCCCTGCTGGCTCACGAAGT
 AGGCTTTGGATGCAAGGTTACATCGCACCCATTGGCTAAGGACAAAATGATGAACGGCAGCTGCTCGCAG
 GACACAGAGAAATCAAGCTGGGCTGACCTGAAAACCTCCTCCTGGTGTGCGAGCGTTCTGAGCGCAGGCC
 CTGGGGGAAGAAAAGTCTCAAGGATATTACAGCAAGCCCTCCATGCGACGGTACTGACCTGCCAGTCAA
 GAGGAGCTGTGAAGTTACAGGGATAGCCAAACACTGAAGGCCCGCTCTGCAGGAGGGGGTTCATGCTTG
 AACTGAGAGCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001277249
Insert Size: 645 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001277249.1</u> , <u>NP_001264178.1</u>
RefSeq Size:	1448 bp
RefSeq ORF:	645 bp
Locus ID:	117287
Cytogenetics:	5q36
Gene Summary:	displays a specific localization pattern to the anterior-ventral surface of the equatorial segment; may play a role in sperm-egg interactions and fertilization [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).