

## Product datasheet for **SC203029**

### **PARK7 (NM\_001123377) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PARK7 (NM\_001123377) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PARK7  
**Synonyms:** DJ-1; DJ1; GATD2; HEL-S-67p  
**ACCN:** NM\_001123377  
**Insert Size:** 481 bp  
**Insert Sequence:** >SC203029 3'UTR clone of NM\_001123377  
The sequence shown below is from the reference sequence of NM\_001123377. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGAAGGCTCCACTTGTCTTAAAGACTAGAGCAGCGAACTGCGACGATCACTTAGAGAAACAGGCCGT
TAGGAATCCATTCTCACTGTGTTTCGCTCTAAACAAAACAGTGGTAGGTTAATGTGTTTCAGAAAGTCGCTG
TCCTTACTACTTTTGCGGAAGTATGGAAGTCACAACACTACACAGAGATTTCTCAGCCTACAAATTGTGTC
TATACATTTCTAAGCCTTGTGTTGAGAATAAACAGGGCATTAGCAAACACTGATTGTTTCTTGTGTTT
GTCTCTCATTTCTTTGTGAAATTAATTCGATCACCTTCATTTGCAGCTCTTAACTGTCATATGG
CACTGAAATAAAAGAACAGTGACCACATTTTACACAGCAAGGAGGAAAGGCATACAAACAGAATTTAAG
AGGCTTGTGATTTCTCTGCTTATTAGCTGTGTGTTTTAATGTGCTATTAATAAATACCAATGAGG
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**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:** [NM\\_001123377.2](#)



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**Summary:** The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset Parkinson disease 7. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 11315

**MW:** 18.5