

## Product datasheet for **SC207787**

### PACRG (NM\_001080379) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PACRG (NM\_001080379) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PACRG  
**Synonyms:** GLUP; HAK005771; PACRG2.1; PARK2CRG  
**ACCN:** NM\_001080379  
**Insert Size:** 543 bp  
**Insert Sequence:** >SC207787 3'UTR clone of NM\_001080379  
 The sequence shown below is from the reference sequence of NM\_001080379. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAACCTACGAGTCTTGCTTGCTAAACTAACAGTGGCAGCAGCTGGGACTTGAAACCTCCCGTTGGTGT
TGGGATCATCTGCTCTGTTGCTTTTAGCATCTCATTCCCTGTGACTTCCACAGCTTCTTTTCTACAG
CTGCTAAAATAGTGGCTTATGGGCCATTGGACTGTTAGCCCTATTGAGAGCAAGGCTTCCAATACATA
AATAGTGTCTGTTTCTTAGATTACAATAGTGTACTGTGCTTATTTGTTCTAAGAGAAGAATTGCTTCTT
TATACAGTCCGACAGAAGCAGGAGTCCGAGTTAAACCTTCAAGTGTATAGACAATAAACTATAATTTT
CATATGCAATTCAGCAATTGCTGTTCTGTGTGCTGCCTGCCCTGGGGGTGATGTCAGAGGTTGTAAGGGA
AGAGTTTATGCTGACTGCTTACTAGGTGTTTGTGCATGGAAGAGAAGCATGGGTTCCAGCAGTGCCTCTCT
AGCAGCTGTGCGGAATAATGTGCTTTGACATTCAATAAACTGTTGAATCTATATTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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\\_001080379.2](#)



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**Summary:**

This gene encodes a protein that is conserved across metazoans. In vertebrates, this gene is linked in a head-to-head arrangement with the adjacent parkin gene, which is associated with autosomal recessive juvenile Parkinson's disease. These genes are co-regulated in various tissues and they share a bi-directional promoter. Both genes are associated with susceptibility to leprosy. The parkin co-regulated gene protein forms a large molecular complex with chaperones, including heat shock proteins 70 and 90, and chaperonin components. This protein is also a component of Lewy bodies in Parkinson's disease patients, and it suppresses unfolded Pael receptor-induced neuronal cell death. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:**

135138

**MW:**

20.5