

Product datasheet for **SC207786**

PACRG (NM_001080378) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PACRG (NM_001080378) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PACRG
Synonyms: GLUP; HAK005771; PACRG2.1; PARK2CRG
ACCN: NM_001080378
Insert Size: 543 bp
Insert Sequence: >SC207786 3'UTR clone of NM_001080378
The sequence shown below is from the reference sequence of NM_001080378. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAACCTACGAGTCTTGCTTGCATAAACAAGCAGTGGCAGCAGCTGGGACTTGAAACCTCCCGTTGGTGT
TGGGATCATCTGCTCTGTTGCTTTTAGCATCTCATTCCCTGTGACTTCCACAGCTTTCTTTTCTACAG
CTGCTAAAATAGTGGCTTATGGGCCATTGGACTGTTAGCCCTATTGAGAGCAAGGCTTTCCAATACATA
AATAGTGTCTGTTTCTTAGATTACAATAGTGTACTGTGCTTATTTGTTCTAAGAGAAGAATTGCTTCTT
TATACAGTCCGACAGAAGCAGGAGTCCGAGTTAAACCTTCAGTTGTATAGACAATAAACTATAATTTT
CATATGCAATTCAGCAATTGCTGTTCTGTGTGCCTGCCCTGGGGGTGATGTCAGAGGTTGTAAGGGA
AGAGTTTATGCTGACTGCTTACTAGGTGTTTGTGCATGGAAGAGAAGCATGGGTTCCAGCAGTGCCTCTCT
AGCAGCTGTGCGGAATAATGTGCTTTGACATTCAATAAACTGTTGAATCTATATTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_001080378.2](#)



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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