

## Product datasheet for **SC212743**

### GRK2 (NM\_001619) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** GRK2 (NM\_001619) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** GRK2  
**Synonyms:** ADRBK1; BARK1; BETA-ARK1  
**ACCN:** NM\_001619  
**Insert Size:** 1136 bp  
**Insert Sequence:** >SC212743 3'UTR clone of NM\_001619  
The sequence shown below is from the reference sequence of NM\_001619. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCCAGCGCGGAGTCCCAACGGCCTCTGACCCGCCACCCGCCCTTTTATAAACCTCTAATTTATTTG
TCGAATTTTATTATTTGTTTTCCCGCCAAGCGAAAAGGTTTTATTTTGTAAATTATTGTGATTTCCCG
TGGCCCCAGCCTGGCCAGCTCCCCGGGAGGGGCCCGCTTGCCTCGGCTCCTGCTGCACCAACCCAGC
CGCTGCCCGGCGCCCTCTGCTCCTGACTTCAGGGGCTGCCCGCTCCAGTGTCTTCTGTGGGGAAGAG
CACAGCCCTCCCGCCCTTCCCGAGGGATGATGCCACACCAAGCTGTGCCACCTGGGCTCTGTGGGC
TGCACTCTGTGCCATGGGCACTGCTGGGTGGCCATCCCCCTCACCAGGGGCAGGCACAGCACAGGG
ATCCGACTTGAATTTCCACTGCACCCCTCCTGCTGCAGAGGGGCAGGCCCTGCACTGCTCCTGCTCC
ACAGTGTGGCGAGAGGAGGGGCCGTTGTCTCCCTGGCCCTCAAGGCCTCCACAGTACTCGGGCTC
CTGTGCCCTTATTCAGGAAAAGCCTCTGTGCTACTGGCTGCCTCCACTCCACTTCCCTGCACTGCGG
GGCTTGGCTGAGAGAGTGGCATTGGCAGCAGGTGCTGCTACCCTCCCTGCTGTCCCTCTTGCCCCAAC
CCCCAGCACCCGGCTCAGGGACCACAGCAAGGCACCTGCAGGTTGGGCCATACTGGCCTCGCCTGGCC
TGAGGTCTCGCTGATGCTGGGCTGGGTGCGACCCATCTGCCAGGACGGGGCCGCCAGGTGGGCGGG
CAGCACAGCAAGGAGGCTGGCTGGGGCCTATCAGTGTGCCCCCATCCTGGCCATCAGTGTACCCCG
CCCAGGCTGGCCAGCCCCACAGCCACGTCCTGTGAGTGGCGCCGCTCGCCACCCGATGCCCCCTCG
TGCCAGTCGCGCTGCCTGTGTGGTGTGCGCCCTTCTCCCCCGGGGCTGGGTGGGCGCACCCCTCCCT
CCCGTCTACTCATTCCCCGGGCGTTTTCTTTGCCGATTTTGAATGTGATTTAAAGAGTGAAAAATGA
GACTATGCGTTTTTATAAAAAATGGTGCCTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001619.5</a></u>
<b>Summary:</b>	This gene encodes a member of the G protein-coupled receptor kinase family of proteins. The encoded protein phosphorylates the beta-adrenergic receptor as well as a wide range of other substrates including non-GPCR cell surface receptors, and cytoskeletal, mitochondrial, and transcription factor proteins. Data from rodent models supports a role for this gene in embryonic development, heart function and metabolism. Elevated expression of this gene has been observed in human patients with heart failure and Alzheimer's disease. [provided by RefSeq, Sep 2017]
<b>Locus ID:</b>	156
<b>MW:</b>	39.1