

## Product datasheet for **SC207599**

### **GRK5 (NM\_005308) Human 3' UTR Clone**

#### **Product data:**

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Type:             | 3' UTR Clones                       |
| Product Name:             | GRK5 (NM_005308) Human 3' UTR Clone |
| Symbol:                   | GRK5                                |
| Synonyms:                 | FP2025; GPRK5                       |
| Mammalian Cell Selection: | Neomycin                            |
| Vector:                   | pMirTarget (PS100062)               |
| ACCN:                     | NM_005308                           |
| Insert Size:              | 2000 bp                             |



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**Insert Sequence:**

>SC207599 3'UTR clone of NM\_005308

The sequence shown below is from the reference sequence of NM\_005308. 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
GTCAGCTCGAACTCCACCGGAAGCAGCTAGTTTCGGCTCTGGCCTCCAAGTCCACAGTGGAAACCAGCCC
AGACCCTTCTCCTTAGAAGTGGAAAGTAGTGGAGCCCTGCTCTGGTGGGGCTGCCAGGGGAGACCCCGG
GAGCCGGGAAGGAGGCCGTCCATCCCCTCGACGTAGAACCTCGAGGTTTCTCAAAGAAATTTCCACTC
AGGTCTGTTTTCCGAGGCGGCCCGGCCGGGTGGATTGGATTTGCTTTGGTGAACATTGCAATAGAA
ATCCAATTGGATACGACAACTTGCACGTATTTAATAGCGTCATAACTAGAACTGAATTTTGTCTTTAT
GATTTTTAAAGAAAAGTTTTGAAATTTCTCTACTGTCTCAGTTTACATTTTGTATTTTGTATTTAAA
TGAAAGTGAGACTTTGAGGTGTATATTTCTGTGCAGCCACTGTTAAGCCATGTGTTCCAAGGCATTT
TAGCGGGGAGGGGTTATCAAAAAAAAAAATGTGACTCAAGACTTCCAGAGCCTCAAATGAGAAAAT
GTCTTTATTAAATGTAGAAAGTGATCCATACTTACCTTTGAAGGATTGGTTGTATTTACCCACATCTA
TCTCTGGAGCCATTTCTCACATTGGTGTCCACCTTCTGTGCGCTTGGAAACAATCGAATTAATGTTC
CAGACACACGTGGGACTTCCCCCTCCCAGCCAGAATGTCCTCTCCTGGGGCCCTCGGAGTCGCCTAGGC
TGAGCCCTTCTCCTCGAGGGGCACGCCGAGCCACTGTGCGACCCACCTCTGTCTGCTTCTTCCAGGA
AGGCGGTGGCACGCGGATCTAGGTGTTGACGCTGGTGGGCGATGGGCTCTTTCCTTCAAGCAGG
TCCTGACTGCTAAAGCCAGTCAATTTGCAAGAGGTTTGCATTGGGGGATTTTTGCTCTATTTTTAACAGA
AGCATAGGACCGTAAAGATGTGTCATGAAACCCCAAGTGTCCAAAGCCTCGGGGCCACAGGAGCATC
GGGAAGTGAGGCAGTGGCTCATCTGACGGAGCAGCGTGTCTGTAGCGGGGAGGGAGGCTGGCCC
AGGGGCCCGGCATGTTCCCTGAAGCGTTTACAGGGTTTTGAGACCTTACAGCCCATCAATGTGCTGGC
CCATGTGGCATGGATGGGTAGTCTCTCTGGGCAATGAGAGGCCCAAGGAGAGACCAAGCCACCAAG
GGCTCAAGACAAAGTCACTGTTCCCTCCCAGGAAGGTGGGGCAGAGGCAAGATCTATCGGACATTTCA
AAGTTTCAAGCAGGAGCTCCTAGAGGACTTGGTGGCTTTGCCAGCCAGGGGCTCTGAAGGCAGCCCC
CAGACCCTTGTAGCAGGGCTGTCCATCCCAGGGAGCAGCTGGCCACCTCCTCCTGCCTCGAAGAAGTG
ACCAGGGGCCAATCTGCTCCCACCTCCCGTCCAGGACAGGGTGAACATTTGACCTACTGTCCCCTGCC
CGGCTGAGTCCCTGATGTCTGACTGTGCCACCCAGCAGCTGCCAGGTCTCTCACCATGTGGACCCTGC
CCTAGCTGCAGCTGCACCTCCTGTCAAAGTGCAGACTCGCAGGTTCCACCCAAACCACAGAATGGGA
ATGCCTGGGAGCCACCCCTGCTGTGGGCTCTCAGCGGGGCTTTGGGGGTGATATCCCAAACACATTT
CTCTGGATGACGACGACGATTGGAGCATGAGCCGTGGGGAGGACAGTCGTGAGCACACCAGCTGTGA
GGCCCCGTTTTCCATGCCTAACCCCGGACTCTACCCTGGGTCTGGGGCGTACCCTAAAAGGGTCCCT
GGCCTTTGGGACTGATATTTTGAAGCCCTTTTACAAAGAAATGGGGGAGAAGAAATAGCTGGGCTTCC
CTCAAATCTTTTTAATGTGCAGTATTTTTTTGTTCAAGACCAGCTCTGTTTTATGAGGCTCCTTCCA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
    
```

**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\\_005308.3](#)

**Summary:** This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs). [provided by RefSeq, Jul 2008]

**Locus ID:** 2869

**MW:** 72.6