

## Product datasheet for **RN200339**

### Grk6 (NM\_001112712) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Grk6 (NM_001112712) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grk6
Synonyms:	Gprk6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200339 representing NM\_001112712  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGCTCGAGAACATCGTAGCGAACACGGTGTCTACTCAAGGCCGGGAAGGTGGTGGCGGAATCGTA  
AAGGCAAGAGCAAGAAATGGCGCCAGATGCTGCAGTTCCTCCACATCAGCCAGTGTGAAGAGCTCCGGCT  
CAGCCTTGAACGTGACTACCACAGCCTGTGTGAGCGTCAGCCATTGGGCGCCTGTTATTTCTGAGTTC  
TGCGCTACGAGGCTGAGCTGACCCGCTGTACTGCCTTCTGGATGGGGTGGCTGAGTATGAGGTGACCC  
CTGATGAGAAACGGAAGGCATGTGGCGTCGGCTAATGCAGAATTTCTGAGCCACACGGGTCTGACCT  
CATCCCTGAAGTTCCTCCGAGCTGGTGTGAGTAACTGTGCCAGCGGTAGAGCAGGGACCCTGCAAAGAC  
CTTTCCAGGAGCTGACCCGGCTGACCCATGAGTACCTAAGCATGGCCCTTTTGCCGACTACCTCGACA  
GCATCTACTTCAACCGTTTCTGCAGTGAAGTGGCTGAAAAGGCAGCCAGTGACCAAAAACACCTTTAG  
GCAGTACCGAGTCTGGCAAAGGTGGCTTTGGGGAGGTGTGTGCCTGCCAGGTGCGGGCAACAGGCAAG  
ATGTATGCGTGCAAAAACTGAAAAGAAACGAATAAAGAAGCGGAAGGGGGAGGCCATGGCTCTCAACG  
AGAAGCAGATCCTGGAGAAAGTGAACAGTAGGTTTGTAGTGAGCTTAGCCTACGCATATGAGACCAAGGA  
TGCACTGTGCCTGGTGTGACATTGATGAATGGAGGCGACCTCAAGTTCACATCTACCACATGGGCCAG  
GCTGGCTTTCCGAAGCAGTGTCTTCTATGCTGCCGAGATCTGCTGTGGTCTGGAGGACTTACACC  
GGGAACGCATCGTGTACAGGGACCTAAAGCCAGAGAATATCCTTCTGGATGACCATGGCCACATTCGAAT  
CTCCGACTGGGCTGGCTGTGCATGTTCTGAGGGCCAGACCATCAAAGGCCGTGTGGGCACTGTGGGC  
TACATGGCTCCAGAGTGGTGAAGAATGAGCGCTACACATTCAGTCTGACTGGTGGGCGTAGGCTGCC  
TCCTGTACGAGATGATTGCGGGACAGTCGCCCTCCAGCAGAGGAAGAAGAAGATCAAGCGGGAGGAGT  
GGAGCGGCTGGTCAAGGAGGTGGCTGAGGAGTACACCGACCGCTTCTCCACAGGCACGCTCACTCTGT  
TCTCAGCTTCTCAACAAGGACCCTGCTGAGCGCCTGGGGTGTCTGGAGGTGGTGCCTGAGGTAAAGG  
AGCACCCCTTTTCAAGAACTGAATTTCAAGCGGCTGGGAGCTGGAATGCTAGAACCACCTTTAAACC  
TGACCCCAAGGCCATTTACTGCAAGGACGTGCTGGACATTGAACAGTTCTCCACAGTTAAAGGTGTGGAT  
CTGAGCCACAGACCAAGACTTCTACCAGAAGTTTCCACGGGTAGTGTGTCCATCCCTGGCAGAACG  
AGATGGTGGAGACTGAGTGTCTCCAGGAACTAAATGTCTTTGGGCTGGATGGGTCTTCCCCAGACCT  
GGACTGGAAGGGCCAGCCACTGCACCCCAAGAAGGGATTGCTACAGAGACTTTCAGTAGACAAGAT  
TGCTGTGGAACTGCAGCGACAGTGAAGAAGAGCTCCCAACCGCCTCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001112712

**Insert Size:** 1731 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001112712.1](#), [NP\\_001106183.1](#)

**RefSeq Size:** 2828 bp

**RefSeq ORF:** 1731 bp

**Locus ID:** 59076

**Cytogenetics:** 17p14

**Gene Summary:** G-protein coupled receptor kinase that desensitizes beta adrenergic receptors in myometrium [RGD, Feb 2006]