

Product datasheet for **RN200340**

Grk6 (NM_001112713) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grk6 (NM_001112713) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grk6
Synonyms:	Gprk6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN200340 representing NM_001112713
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCTCGAGAACATCGTAGCGAACACGGTGTCTACTCAAGGCCGGGAAGGTGGTGGCGGAATCGTA
 AAGGCAAGAGCAAGAAATGGCGCCAGATGCTGCAGTTCCTCCACATCAGCCAGTGTGAAGAGCTCCGGCT
 CAGCCTTGAACGTGACTACCACAGCCTGTGTGAGCGTCAGCCATTGGGCGCCTGTTATTTCTGTAGTTC
 TGCGCTACGAGGCTGAGCTGACCCGCTGTACTGCCTTCTGGATGGGGTGGCTGAGTATGAGGTGACCC
 CTGATGAGAAACGGAAGGCATGTGGCGTCGGCTAATGCAGAATTTCTGAGCCACACGGGTCTGACCT
 CATCCCTGAAGTTCCTCCGAGCTGGTGTGAGTAACTGTGCCAGCGGTAGAGCAGGGACCCTGCAAAGAC
 CTCTCCAGGAGCTGACCCGGCTGACCCATGAGTACCTAAGCATGGCCCTTTTGCCGACTACCTCGACA
 GCATCTACTTCAACCGTTTCTGCAGTGAAGTGGCTGAAAAGGCAGCCAGTGACCAAAAACACCTTTAG
 GCAGTACCGAGTCTGGCAAAGGTGGCTTTGGGGAGGTGTGTGCCTGCCAGGTGCGGGCAACAGGCAAG
 ATGTATGCGTGCAAAAACTGAAAAGAAACGAATAAAGAAGCGGAAGGGGGAGGCCATGGCTCTCAACG
 AGAAGCAGATCCTGGAGAAAGTGAACAGTAGGTTTGTAGTGAGCTTAGCCTACGCATATGAGACCAAGGA
 TGCACTGTGCCTGGTGTGACATTGATGAATGGAGGCGACCTCAAGTTCACATCTACCACATGGGCCAG
 GCTGGCTTTCCGAAGCAGTGTCTTCTATGCTGCCGAGATCTGCTGTGGTCTGGAGGACTTACACC
 GGAACGCATCGTGTACAGGGACCTAAAGCCAGAGAATATCCTTCTGGATGACCATGGCCACATTCGAAT
 CTCCGACTGGGCTGGCTGTGCATGTTCTGAGGGCCAGACCATCAAAGGCCGTGTGGGCACTGTGGGC
 TACATGGCTCCAGAGGTGGTGAAGAATGAGCGCTACACATTGAGTCTGACTGGTGGGCGTGGGCTGCC
 TCCTGTACGAGATGATTGCGGGACAGTCGCCCTCCAGCAGAGGAAGAAGAAGATCAAGCGGGAGGAGGT
 GGAGCGGCTGGTCAAGGAGGTGGCTGAGGAGTACACCGACCGCTTCTCCACAGGCACGCTCACTCTGT
 TCTCAGCTTCTCAACAAGGACCCTGCTGAGCGCCTGGGGTGTCTGTGGAGGTGGTGGCCGTGAGGTAAGG
 AGCACCCCTTTTCAAGAACTGAATTTCAAGCGGCTGGGAGCTGGAATGCTAGAACCACCTTTTAAACC
 TGACCCCAAGGCCATTTACTGCAAGGACGTGCTGGACATTGAACAGTTCTCCACAGTTAAAGGTGTGGAT
 CTGGAGCCACAGACCAAGACTTCTACCAGAAGTTTGCCACGGGTAGTGTGTCCATCCCCTGGCAGAACG
 AGATGGTGGAGACTGAGTGTCTCCAGGAATAATGTCTTTGGGCTGGATGGGTCTGTCCCCCAGACCT
 GGACTGGAAGGGCCAGCCACTGCACCCCAAGAAGGGATTGCTACAGAGACTTTCAGTAGACAAAGG
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001112713
- Insert Size:** 1683 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_001112713.1](#), [NP_001106184.1](#)

RefSeq Size: 1803 bp

RefSeq ORF: 1683 bp

Locus ID: 59076

Cytogenetics: 17p14

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