

Product datasheet for **RR210603**

Gckr (NM_013120) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gckr (NM_013120) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gckr
Synonyms:	GLRE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR210603 representing NM_013120
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGGCCAACGATATCAGCATGTGATCGAGACCCTGAGCCTGGTGAATGGGAGTTGTCAGGGT
 ATGAAGCGGCTGTGCAATCACAGAGAAATCCAACCCACTGACCCGAAACCTGGACAAAGCAGATGCAGA
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 GGTGACAGGTCTGTTGTGGCCTCTCGTGAACAGACAGAAGATAGCGCCCTACACGGGATCGAGGAGCTGA
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 GTCAGGTTGCCACGAGAAGGAAAAGGTGATCCCCACAGCCTTCTGAGCCTCTACTCCGGTGTCTCA
 TCTCTGAGGCTAAGGCAGCCTGTCTGCAGCTTCTCAGTCTGTGAGGTTGTTAGGAGCGCCCTCTCTGG
 GCCGGTCTAGAAGCGCAGCACGCAAGCCCTGAAGACCCTCCCGCTGTGGGACCCTGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

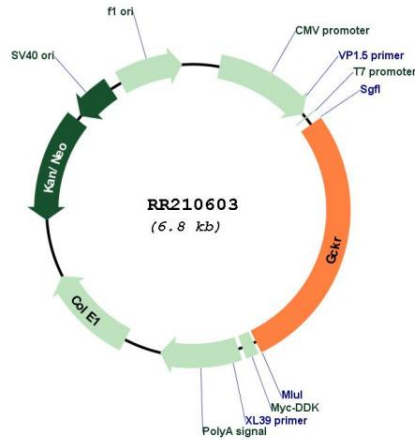
>RR210603 representing NM_013120
 Red=Cloning site Green=Tags(s)

MPGTKRYQHVIETPEPGEWELSGYEAAPITEKSNPLTRNLDKADA EKIVKLLGQCDAEIFQEEGQIVPT
 YQRLYSESVLTTMLQVAGKVQEVLEKPDGGLVLSGGTSGRMAFLMSVSNQLMKGLGQKPLYTYLIAG
 GDRSVVASREQTEDSALHGIEELKKVAAGKRRVVVIGISVGLSAPFVAGQMDYCMDNTAVFLPVLVGFNP
 VSMARNDPIEDWRSTFRQVAERMQKMQEKQEFVLPNPAIGPEGLSGSSRMKGGGATKILLETLLAAHKT
 VDQGVVSSQRCLLEILRTFERAHQVTYSQSSKIATLMKQVGISLEKKGRVHLVWQTLGIIAIMDGV ECI
 HTFGADFQDIRGFLIGDHSDFNQKDEL TNQGPQFTFSQDDFLT SILPSLTETDVTVFIFLDDNLTEVQ
 ALAERVREKCNQIQALVHSTVGQSLPAPLKKLFP SLISITWPLFFDYEGTYVQKFQRELSTKWV LNTVS
 TGAHVLLGKILQNHMLDLRIANSKLFWRALAMLQRFSGQSKARCI ESLLQAIHFPQPLSDDVRAAPISCH
 VQVAHEKEKVIPTALLSLLLRCIS EAKARLSAASSVCEVVRSALSGPGQKRSTQAL EDPACGTLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Cytogenetics: 6q14
MW: 68.9 kDa
Gene Summary: inhibits the activity of glucokinase; plays a role in glucose metabolism and homeostasis [RGD, Feb 2006]

Product images:



Circular map for RR210603