

Product datasheet for **RC224049**

GRK6 (NM_001004105) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GRK6 (NM_001004105) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GRK6
Synonyms:	GPRK6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC224049 representing NM_001004105
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTCGAGAACATCGTAGCGAACACGGTGTCTACTCAAGGCCCGGAAGGTGGCGGTGAAATCGCA
 AAGGCAAAGCAAGAAATGGCGGCAGATGCTCCAGTTCCTCACATCAGCCAGTGCGAAGAGCTGCGGCT
 CAGCCTCGAGCGTACTATCACAGCCTGTGCGAGCGGCAGCCATTGGGCGCCTGCTGTTCCGAGAGTTC
 TGTGCCACGAGGCCGAGCTGAGCCGCTGCGTCGCCTTCTGGATGGGTGGCCGAGTATGAAGTACC
 CGGATGACAAGCGGAAGGCATGTGGCGGCAGCTAACGCAGAATTTCTGAGCCACACGGGTCTGACCT
 CATCCCTGAGGTCCCCGGCAGCTGGTACGAAGTGCACCCAGCGGTGGAGCAGGTCCCTGCAAAGAC
 CTTTTCCAGGAAGTACCCGGCTGACCCACGAGTACCTGAGCGTGGCCCTTTTGCCGACTACCTCGACA
 GCATCTACTTCAACCGTTTCTGCAAGTGAAGTGGCTGAAAGGCAGCCAGTACCAAAAACACCTTCAG
 GCAATACCGAGTCTGGCAAAGGTGGCTTTGGGAGGTGTGCGCCTGCCAGGTGCGGGCCACAGGTAAG
 ATGTATGCCTGCAAGAAGCTAGAGAAAAAGCGGATCAAGAAGCGGAAAGGGGAGGCCATGGCGCTGAACG
 AGAAGCAGATCCTGGAGAAAGTGAACAGTAGGTTTGTAGTGAGCTTGGCCTACGCCTATGAGACCAAGGA
 CGCGCTGTGCCTGGTGTGACTGATGAACGGGGGCGACCTCAAGTTCACATCTACCACATGGGCCAG
 GCTGGCTTCCCCGAAGCGCGGGCCGTCTTACGCCGCCGAGATCTGCTGTGGCCTGGAGGACCTGCACC
 GGGAGCGCATCGTGTACAGGGACCTGAAGCCCGAGAACATCTTGTGGATGACCACGGCCACATCCGCAT
 CTCTGACCTGGGACTAGCTGTGCATGTGCCGAGGGCCAGACCATCAAAGGGCGTGTGGGACCGTGGGT
 TACATGGCTCCGGAGGTGGTGAAGAATGAACGGTACACGTTACGCCCTGACTGGTGGGCGCTCGGCTGCC
 TCCTGTACGAGATGATCGCAGGCCAGTCCGCTTCCAGCAGAGGAAGAAGAAGATCAAGCGGGAGGAGGT
 GGAGCGGCTGGTGAAGGAGGTCCCCGAGGAGTATTCGAGCGCTTTTCCCGCAGGCCCGCTCACTTTC
 TCACAGCTCCTCTGCAAGGACCTGCCGAACGCCTGGGTGTCTGGGGCAGTGCCTCCGAGGTGAAGG
 AGCACCCCTCTTAAGAAGCTGAACCTCAAGCGGCTGGGAGCTGGCATGCTGGAGCCGCCGTTCAAGCC
 TGACCCCCAGGCCATTTACTGCAAGGATGTTCTGGACATTGAACAGTTCTCTACGGTCAAGGGCGTGGAG
 CTGGAGCCTACCGACCAGGACTTCTACCAGAAGTTTCCACAGGCAGTGTGCCATCCCCGGCAGAACG
 AGATGGTGGAGACCGAGTCTTCAAGAGCTGAATGTCTTTGGGCTGGATGGCTCAGTCCCCCAGACCT
 GGACTGGAAGGGCCAGCCACCTGCACCTCTAAAAGGGACTGCTGCAGAGACTTTCAGTCGCCAAAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224049 representing NM_001004105
 Red=Cloning site Green=Tags(s)

MELENIVANTVLLKAREGGGNRKGSKKWRQMLQFPHISQCEELRSLERDYHSLCERQPIGRLLFREF
 CATRPEL SRCVAFLDGVAEYEVTPDDKRKACGRQLTQNFLSHTGPDLIPEVPRQLVTNCTQRLEQGPCKD
 LFQELTRLTHEYLSVAPFADYLDISIYFNRFQWKWLERQPVTKNTFRQYRVLGKGGFGEVCACQVRATGK
 MYACKKLEKKRIKKRGEAMALNEKQILEKVNRSFVVSLEYAYETKDALCLVLTLMNGGDLKFHIYHMGQ
 AGFPEARAVFYAAEICCGLEDLHRERIVYRDLKPENILDDHGHIRISDLGLAVHVPEGQTIKGRVGTG
 YMAPEVVKNERVTFSPDWWALGCLLYEMIAGQSPFQQRKKIKREEVERLVKEVPEEYSERFSPQARSLC
 SQLLCKDPAERLGCRRGSAREVKEHPLFKKLNFKRLGAGMLEPPFKPDPQAIYCKDVLIDIEQFSTVKGVE
 LEPTDQDFYQKFATGSVIPWQNMVETECFQELNVFGLDGSVPPDLDWKGQPPAPPKGLLQRLF SRQR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8067_c11.zip

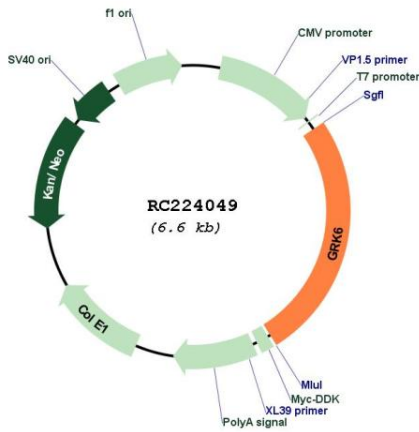
Restriction Sites:

SgfI-MluI

Cytogenetics: 5q35.3
Protein Families: Druggable Genome, Protein Kinase
Protein Pathways: Chemokine signaling pathway, Endocytosis
MW: 64.1 kDa

Gene 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. Several transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC224049