

Product datasheet for **MR218736**

Gprc5c (NM_001110337) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gprc5c (NM_001110337) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gprc5c
Synonyms:	1110028I06Rik; 3200002M13Rik; Raig3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR218736 representing NM_001110337
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACTCACAGAACCTTGCTGATGTGCTAGGACTGCCTCTTCTTCCCAGGAGCCTTGCCAGCAG
 ATCATGCCCCACCTGGTTGCAGCCAGATCTGGATCCCCTCTACTACAACCTCTGTGACCGCTCGGGGGC
 CTGGGGCATTGTCTTGGAGGCAGTGGCTGGAGCAGGCATCATCACGACATTTGTGTTAACCATCATCCTT
 GTGGCTAGCCTTCCATTTGTGCAGGACACTAAGAAGCGGAGCCTTTGGGGACCCAGGTGTTCTTCTCTGC
 TGGGCACCCTGGGTCTTCTGCCTCGTGTTCCTGTGTGGTGAAGCCGGACTTCTCTACCTGTGCCTC
 TCGACGCTTCTTGGGGTCTGTTTGCATCTGCTTCTCTGTCTGGTAGCTCACGCTCTTCCCTC
 AACTTCTAACCCGGAAGAACCATGGGCCCGAGGCTGGGTGATCTTACCGTGGCGCTGCTGCTCACCC
 TTGTGGAGGTCATATTAAACCCGAGTGGCTTATCATCACCTGGTACGGGGAGGTGGCCAGGTTAGCCC
 CCTGGGCAATGTCAGTGGCAGCTGACCATGACCTCTCCGTGTGCCATCGCCAACATGGACTTTGTCATG
 GCTCTCATCTACGTAATGCTGTTGCTGCTGACGGCCTTCTAGGAGCCTGGCCACCTTGTGTGGCCGCT
 TCAAGCGCTGGCGAAACACGGGGTCTTGTGTTGCTCACCCTGTCATCTCCATCGCCATCTGGGTGGT
 ATGGATTGTCATGTACACCTACGGCAACGAGCAGCACCATAGCCCCACCTGGGATGACCCACGTTGGCC
 ATTGCCCTCGCTGCCAATGCCTGGACCTTTGTCCTCTTCTATGTCATCCCTGAGGTCTCACAGGTGACCA
 AACCTAGCCAGAACAGAGCTACCAGGGGGACATGTACCCGACCCGAGGGGTGGGCTATGAGACCATCCT
 GAAGGAGCAGACGGGCCAGAGCATGTTTGTGGAGAACAAGGCATTTTCTATGGACGAACCCAGCCTCAGCA
 AAGAGACCAGTGTACCTTACAGTGGCTACAATGGACAGCTGCTGACCAGCGTGTACCAGCCACCAGGAGA
 TGGCCCTGATGCACAAAGGCCCTGTAAGGTGCATACGACGTCATCTCCACGGGCCACCGCCAACAG
 CCAGGTGATGGGCAGTGCCAACCAACCTGCGGGCCGAAGACATGTACATGGTCCAGAGCCACCAGGTG
 GCCACGCCACAAAAGACGGCAAGATCTCTCAGGATCAGTCCCGACTAATAAAACAAGATGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218736 representing NM_001110337
 Red=Cloning site Green=Tags(s)

MATHRLLMCLGLPLFFPGALAQNHAPPGCSPDLPLYYNLCDRSGAWGIVLEAVAGAGIITTFVLTIIIL
 VASLPPFVQDTKKRSLTGTQVFFLLGTLGLFCLVFACVVKPDFSTCASRRFLFGVLFaicfSCLVAHVLSL
 NFLTRKNHGPRGWVIFTVALLLTLVEVIINTEWLIITLVRGGQVSPGNVSADSTMTSPCAIANMDFVM
 ALIYVMLLLTAFLGAWPTLCGRFKRWRKHGVFVLLTTVISIAIWWVWIVMYTYGNEQHHSPTWDDPTLA
 IALAANAWTFVLFYVIPEVSQVTKPSPEQSYQGDMPYPTRGVGYETILKEQTGQSMFVENKAFSMDEPASA
 KRPVSPYSGYNGQLLTSVYQPTMALMHKGPSEGAYDVLPRATANSQVMGSANSTLRAEDMYMVQSHQV
 ATPPKDGKISQDQSPNTRW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9017_f12.zip

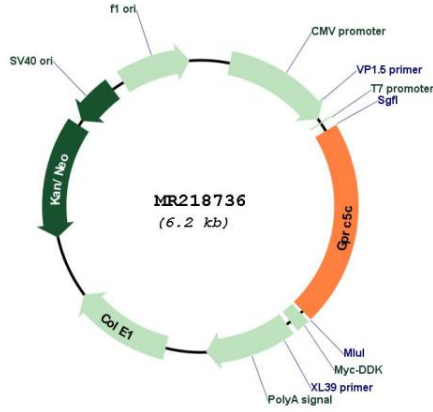
Restriction Sites:

Sgfl-Mlul

Gene Summary:

This retinoic acid-inducible G-protein coupled receptor provide evidence for a possible interaction between retinoid and G-protein signaling pathways.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218736