

Product datasheet for **MC201777**

Gprc5a (NM_181444) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gprc5a (NM_181444) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gprc5a
Synonyms:	Rai3; Raig1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC036173 sequence for NM_181444
 CCCACGCGTCCGCCACGCGTCCGCGACCCACGCGTCCGACCCACGCGTCCGCTGCCAGTAGCCAGGGG
 TTGAGCGCTCTCGCCTTTCACGCGTGAGTCGCAAGTTCTCGGTTACCCCGAGCGCCGACGCGCCAGGA
 CCAACCAGAATGACTACTCTACAACCTGCCCTAGCGGTTGCCGCTCAGACCTGGATTCCAGGTACCACA
 GACTTTGTGACCTGGCGGAAGGCTGGGGCATCGCGTTGGAAACTGGCTGCAGTCGGGGCTGTGGCTAC
 CGTGGCTTGCATGTTTGCACCTCGTTTTCTCATCTGCAAAGTGCAGGACTCCAACAAAAGAAAGATGCTC
 CCCGCCAGTTCTCTTCTCTCTGGGAGTCTAGGGGTCTTTGGCCTCACCTTCGCCTTCATCATCAAGC
 TGGATGGGGCCACAGGACCCACGCGCTTCTTCTCTTCCGAGTCTCTTCCCATCTGCTTCTTGCCT
 CCTGGCCACGCTTCAACTTGATCAAGCTGGTCCGAGGGAGGAAGCCCTGTGCTGGCTTGTGATCCTC
 AGCCTGGCGGTGGGCTTACGCTGGTCCAGGACGTCATTGCCATTGAATACCTGGTCTCACCATGAACA
 GGACCAACGTCAATGTCTTTTCTGAGCTGCCTGCTCCTCGGCGCAATGAGGATTCGTCATGCTCCTCAT
 TTACGTGCTCGTCTTGTGCTGACCTTCTTACATCCTTCTTGGTTTTCTGTGGATCCTTCTCTGGC
 TGAAGAGACACGGGTTCCACATATGCTTACCTCGTTCCTCCTCCATTGCCATCTGGGTGGCCTGGATCG
 TTCTGCTCCTGATTCCCACATTGACCGGAAATGGGATGATACCATTCTCAGCACAGCCTTGGTGGCCAA
 TGCTGGGTTTTCTGGCATTATATCTTGGCCGAGTTTCGACAGCTCCAAGGCAACGGAGCCCACT
 GATTACCCAGTTGAAGATGCTTTTTGTAACCTCAGCTCATGAAGCAGAGCTATGGTGTGGAGAACAGAG
 CCTACTCCAAGAGGAAATCACCAAGGCTTGAGATGGGGGACACACTTATGCACCTTATCCACCCA
 TTTTACGTACAGAATCACAAAAGGATTTCTCTATCCCGAGGGCCAGGCCCGGCCAGTCCGTACAAT
 GACTACGAAGGGCGCAAAGGCGACAGCTAAGTGTGGGAAGAGTGGGACAACCAGAGGCAGGTAGCAGGT
 CCAGCCAGGAATCCTGCTGATGTGAACTGAACTCAGGGCATCCCGGGGAAACAGTACAGAGAGGCTTGA
 ACCTGCCAGCACACCGCCGCTTGCCTGGGGCTGCTAAGCCTAACAACTGTCTTCAAAGAGCTCCAGG
 GTTTCATTTGCCCATCTAGGACACTTCTGGGAGTGGGAGTCTTGGCACTCCGGGTGAGACTCTTA
 CCTCTCCCGGAGATGAGCAAGCCTCCAGTCATCTGACTGCTCACTGTTTGGTACCTTGAAGCCAG
 TTCACCTAACCCACGGTGGGTTCTATGAGGAGTTGCTCCATACCAAGCAGAACTGAAGATTTGGATAAAC
 CCAGAGAAGTCTGGGTCTCCGCCTGTCCATCTCATCCCACTGGAAGCTAATCTGGTCCGCGCCCTCCAA
 GGCTTCTCGCGGGGAGGAACGGCTAAAGGTCACGTGTCTACCCTCAGTGCCTGCCACAGTGGCC
 TCTCGGTGCAGACACCGATTTCCAAGGGCCATGTTTTATCCCAATTGCCTCCAACTACTGCCAACCC
 CAGACCTCTGTCTCTTGGCAGGAGCTCTTGGGACATTACTGGAGTAGACAAGGTCTGTTTCTCTCTG
 CCAGGAGAATTTGGTTTTGTTCTCGCTATAAATTCCTGGCCCTTGCCCCCCCCCCCCACAACCCCCA
 TCCTCAGTAATACGCTCACCTGACCTCCTGACCTCCCTACGTGTCTATTCTTGGGGTGGGATGCATTTG
 TTATGTGGTAAATATTACCTGGGTATGCAATAAAGATGTGGTCACAACATTTTTAAAAAAAAAAAAAA
 AA AAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_181444
- Insert Size:** 1071 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: [BC036173](#), [AAH36173](#)

RefSeq Size: 2174 bp

RefSeq ORF: 1071 bp

Locus ID: 232431

Cytogenetics: 6 G1