

Product datasheet for **MC211988**

Gprc5d (NM_053118) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gprc5d (NM_053118) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Gprc5d
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >MC211988 representing NM_053118
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTATGAGGACTGCGTGAAGTCCACAGAAGACTATTACCTCTTCTGTGACAACGAGGGGCCATGGGCCA
 TTGTTCTGGAGTCCTTGGCAGTGATTGGCATAGTGTTACCATATTGCTACTCCTGGCATTCTGTTCCT
 CATGCCGAAGGTTTCAGGACTGCAGCCAGTGAACGTGCTTCCCACTCAGTTCCTCTTCTGCTGGCTGTG
 CTCGGGCTCTTCGGACTTACTTTTGCCTTCATCATCCAACCAACCACTCAACCACTCAACCACTCAACCACT
 CCTCTTTGGGGTTCTCTTTGCTATCTGCTTCTCCTGCCTCCTGGCTCATGCCTCAACCTGGTGAAGCT
 GGTCCGGGTAGAGTCTCCTTCTGCTGGACAACAATTCTGTTTCTGCTATCGGTGTGAGCTGTTGCGAG
 ACCATCATTGCGATAGAGTATGTGACCCTCATCATGACCAGAGGCTTGATGTTGAGCATATGACACCGT
 ATCAGCTCAATGTGGACTTTGTCTGTCTCCTGATCTATGTCTCTTCTGATGGCCCTCACTTTCTTCGT
 CTCCAAGGCCACCTTCTGTGGCCATGTGAGAATTGAAACAGCACGGAAGGCTCATATTTGCCACTGTG
 CTGGTCTCTATCATTATCTGGTGGTGTGGATCTCCATGCTCTTGAGAGGCAACCCCAAGCTCCAGCGAC
 AGCCCACTGGGATGATGCAGTCATCTGCATTGGCCTGGTACCAACGCTTGGGTCTTCTGCTGATCTA
 CATCATCCCTGAGCTGAGCATACTCTACAGGTCATGTAGGCAGGAGTGTCTACGCAAGGCAACGCTGC
 CAGGTCCTGTCTACCAACGCAGCTTCAGGATGGATACCCAGGAACCCACCAGAGAGTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2199_a05.zip
 Restriction Sites: Sgfl-MluI
 ACCN: NM_053118
 Insert Size: 903 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC119192](#), [AAI19193](#)

RefSeq Size: 1324 bp

RefSeq ORF: 903 bp

Locus ID: 93746

UniProt ID: [Q9JIL6](#)

Cytogenetics: 6 G1