

Product datasheet for **MC201084**

Gmpr (NM_025508) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gmpr (NM_025508) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gmpr
Synonyms: 2310004P21Rik; AV028449; GMPR 1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010827 sequence for NM_025508
 CCCACGCGTCCGCCACGCGTCCGGAACAAGCGTGCACACCGGGTTCGGGAGCACCAGTCTGCGCACA
 GCCACCCGGGCGCCACTGTACGCACGCGCCCGCAGCTCCCGGTGACGCGGCCTTCGACCCGCTCCG
 CCGCAGGAAGCTACCGCGCACCGCTAGCACCATGCCCGCATAGACGCGGACCTTAAACTCGACTTCAAG
 GATGTTCTGCTGCGACCTAAGCGGAGCAGCCTCAAGAGCCGATCCGAGGTGGATCTTGAGCGAACTTTTA
 CATTTCGAAACTCGAAACAACTACTCAGGGATTCCCATTATTGTGGCCAAATGGACTGTGGGGAC
 ATTTGAGATGGCTGTGGTGTGTCACAGCATGCCATGTTTACAGCCGTTTACAAGCACTACTCCCTGGAT
 GACTGGAAATGTTTTGCGGAAACCCACCCGAATGCCTGCAGCATGTAGCCGTGAGTTCTGGCAGCGGGC
 AGAATGATCTTGAGAGGATGAGCCGCATCTTGAAGCTGTGCCTCAGGTGAAGTTCATCTGCCTGGATGT
 GGCCAATGGGTATTCAGAGCATTGTGGAATTCGTGAAACTGGTCCGATCCAAATCCCGAACACACC
 ATCATGGCAGGGAACGTGGTGACCGGAGAGATGGTGAAGAGCTCATCCTCTCTGGAGCAGATATCATCA
 AAGTGGGAGTCGGACCAGTTCTGTGTGCACCACCCGAACCAAGACAGGAGTGGGCTACCCGAGCTGAG
 TGGCGGTAGAGTGTGCTGACTCCGCCATGGCCTCAAGGGGCACATCATCTCTGATGGAGGCTGCACA
 TGTCCAGGAGATGTGCCAAAGCCTTTGGAGCTGGTGCAGACTTTGTCATGCTGGGAGGCATGTTTTAG
 GCCACACCGAGTGTGAGGTGAGGTGATCGAGAGGAACGGGCAGAAGCTGAAACTCTTCTATGGCATGAG
 CTCAGACACAGCCATGAAGAAACACGCAGGAGGCGTCGCCGAGTACAGGGCCTCCGAGGGCAAGACCGTG
 GAAGTGCCTTACAAGGGGACGTGGAGAACACCATCTGGATATCCTTGGAGGACTGCGCTCCACCTGTA
 CCTACGTCGGGGCTGCCAAGCTCAAAGAGCTCAGCAGGAGAGCCACGTTTCATCCGGGTGACCCAACAGCA
 CAACACCGTGTGTTGGTTAACCTCGGGGATGCAGACCTCAGTGTGAGCCGAGTGAAGCCTCCTTTACCC
 ATGCTTCGCCCCCTCCCTCCTTATCTGCCTTGGCAGGCTGGCTGCTATCACAGATGCTGAGACTGAGTCC
 TTGTCCTGATCTTGTAGCCCGAGACCTTGGGGCTTGCCTAGTGCCTGTGTGGGGCCAGGAGCAGGGCG
 CTCGTGGGGCCCCGGTCAAGCTCCTAGAACTCATCGCCTCCTGGTGTCAACCAGCCCTTGCACCCTCCTT
 TCTGTCCCGCTTAGTTTTCTTTCTAAAGGACAATGGTTTCACTTTTAATAATAATGCTATGATCTTGACA
 AA

Restriction Sites: RsrII-NotI



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ACCN:	NM_025508
Insert Size:	1038 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:	<ol style="list-style-type: none">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:	BC010827 , AAH10827
RefSeq Size:	1595 bp
RefSeq ORF:	1038 bp
Locus ID:	66355
UniProt ID:	Q9DCZ1
Cytogenetics:	13 A5
Gene Summary:	A similar gene in human encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP. The protein also functions in the re-utilization of free intracellular bases and purine nucleosides. [provided by RefSeq, May 2015]