

Product datasheet for RN203317

Gmpr (NM_057188) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gmpr (NM_057188) Rat Untagged Clone
Tag: Tag Free
Symbol: Gmpr
Synonyms: GMPR 1; Gmpr1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203317 representing NM_057188
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCCGCATAGACGGGACCTGAAACTCGACTTCAAGGATGTTTTGCTGCGACCTAACGGAGCAGCC
 TCAAGAGCCGATCCGAGGTGGACCTTGAGCGAACCTTTACGTTTCGAAACTCAAAGCAGACCTACTCAGG
 GATTCCCCTCATCGTGGCCAACATGGACACCGTGGGACATTTGAGATGGCTGTGGTGATGTCACAGCAT
 GCCATGTTACAGCCATTACAAGCATTACTCCCTGGATGACTGGAAACATTTTGCCTGAAAATCACCCCG
 AATGCCTGCAGCATGTAGCCGTGAGTTCTGGCAGCGGGCAGAATGATCTTGAGAAGATGAGCCTCATCTT
 GGAAGCTGTGCCTCAGGTGAAGTTCATCTGCCTGGATGTGGCCAATGGGTATTCGGAACATTTTGTGGAA
 TTCGTGAAACTGGTCCGATCCAAATTTCCCGAACACACCATCATGGCAGGGAACGTGGTGACGGGAGAGA
 TGGTGGAGGAGCTCATCTTTCTGGAGCAGATATCATCAAAGTGGGAGTCGGACCAGGCTCTGTGTGCAC
 CACCCGAACCAAGACAGGCGTGGGCTACCCGACGCTGAGCGCTGTGATAGAGTGTGCTGACTCAGCACAC
 GGCCTCAAGGGACACATCATCTCTGACGGAAGCTGCACATGTCCAGGAGATGTCGCCAAAGCCTTTGGAG
 CTGGCGCGGATTTTGTATGCTGGGAGGCATGTTTTCCGGACACCCAGTGTGCAGGAGAGGTGATCGA
 GAGGAACGGGCAGAAGCTGAAGCTTTTCTACGGCATGAGCTCAGACACAGCCATGAAGAAACACCGCGGA
 GGCGTCGCTGAGTACAGGCGCTCTGAGGGCAAGACTGTGGAAGTGCCTTACAAAGGGGACGTAGAGAACA
 CAATTCTGGATATCCTTGGAGGACTTCGGTCTACCTGTACCTACGTGGGGCCCGCAAGCTCAAAGAGCT
 CAGTAGGAGAGCCACATTCACCGCTGACCCAACAGCACAACACGGTGTTCGGC**TAA**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_057188



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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:	NM_057188.1 , NP_476536.1
RefSeq Size:	1452 bp
RefSeq ORF:	1038 bp
Locus ID:	117533
UniProt ID:	Q9Z244
Cytogenetics:	17p14
Gene Summary:	may convert guanine nucleotides to IMP and facilitate uncoupling protein-1 function in response to cold exposure [RGD, Feb 2006]