

Product datasheet for **RN212304**

Gmps (NM_001024754) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gmps (NM_001024754) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gmps
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212304 representing NM_001024754
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCTGTGCAACGGAGATTCCAAGCCGGAGAATGCTGGAGGAGACCTTAAGGATGGTTGTCAACACT
 ACGAAGGAGCTGTTGTCATTCTGGATGCTGGGGCTCAGTATGGAAAAGTCATTGACCGAAGAGTGCGGGA
 GCTCTTTGTACAGTCTGAAATCTTTCCTTTGGAACACCACTTTTGGCCATAAAGGAACAAGGATTCGG
 GCTATTATCATATCTGGAGGACCTAATTCTGTGTATGCAGAGGATGCTCCCTGGTTTGATCCAGCAATAT
 TTACCATTGGCAAGCCTGTCTAGGAATTTGCTATGGAATGCAGATGATGAATAAGGTTTTGGAGGCAC
 TGTGCATAAAAAAAGTGTAGAGAGGATGGCGTTTTCAACATTAGTATGGACAATACATGTTTCATTGTTCC
 AGGGCCCTGCAGAAGGAAGAAATGTTTTACTTACACATGGAGACAGTGTAGACAAAGTAGCTGATGGAT
 TCAAGTTGTAGCTCGTCTGGGAACATTGTTGCAGGTATAGCCAATGAATCTAAGAAGCTATATGGTGT
 ACAGTTCCACCCTGAAGTTGGCCTTACAGAAAATGGAAAAGTAATACTGAAGAATTCCTATATGATATA
 GCTGGATGCAGTGGAACTTTACTGTGCAGAACCAGAACTTGAGTGCATTTCGAGAGATTAAGAGAAAAG
 TAGGAACGTCAAAGTGTGGTTTTACTCAGTGGTGGTGTAGATTCAACTGTTTGTACTGCTTTGCTAAA
 TCGTGTCTTGAACCAAGATCAAGTCATTGCTGTACACATTGATAATGGCTTTATGAGAAAACGAGAAAGC
 CAGTCTGTTGAAGAGGCCCTCAAAAAGCTTGAATTCAGGTCAAAGTGATAAATGCTGCTCATTCTCTCT
 ATAATGGAACAACACTCTGCCAATATCAGATGAAGACAGGACCCACGGAAAAGAAATAGCAAAACATT
 AAATATGACAACAAGTCTGAGGAGAAAAGAAAATTTTGGTGATACTTTTGTAAAGATTGCCAATGAA
 GTCATTGGAGAAATGAGTCTGAAGCCAGAGGAGTTTTTCTTGCCCAAGGCATTTACGGCTGATCTAA
 TCGAAAGTGCATCCCTTGTGCAAGCGGCAAGCTGAACCTCATCAAACCACCACAACGACACAGAGCT
 TATCAGGAAGTTAAGGGAAGAGGGGAAAGTAATAGAACCCTCGAAAAGATTTTCATAAAGATGAAGTTAGG
 ATTTTAGGCAGAGAGCTTACCTGCCAGAGAATTGGTTTCCAGGCATCCTTTTCCAGGTCTGGCCTGG
 CAATCAGAGTAATATGTGCTGAAGAACCCTATATTTGTAAGACTTTCCTGAAACCAACAATATTTTGAA
 AATAGTAGCTGATTTTCTGCAAGTGTTAAGAAGCCTCATACACTGTTACAAAGAGTCAAAGCTTGACACA
 ACAGAAGAGGACCAGGAGAACTCATGGAATTAACAAGTCAAGTTCATTGAATGCTTCTTGCTGCCAA
 TTAAGACTGTGGGTGTGCAAGGTGACTGCTGTTCTTATAGTTATGTGTGGAATCTCCAGTAAAGATGA
 ACCTGACTGGGAATCTCTATTTTCTTGCCAGACTTATACCTCGAATGTGCATAACATTAACAGAGTT
 GTCTATATCTTTGGCCACCAGTTAAAGAACCCTCCTACAGATGTTACTCCAACATTTTGGACAACAGGGG
 TGCTCAGTACTTTACGCCAAGCTGATTTTGGAGCCATAACATTCCTCCGGGAGTCTGGGTATGCTGGGAA
 AATCAGCCAGATGCCAGTGATTTTGACCCATTACATTTTCGATCGAGATCCACTTCAGAAGCAGCCTTCA
 TGCCAGAGGTCTGTGGTTATTGCAACCTTTATTACTAGTGACTTCATGACTGGAGTACCTGCAACACCTG
 GCAATGAAATTCCTGTAGAGGTGGTGTAAAGATGGTCACTGAGATAAAGAAGATTCTGGAAATTTCTAG
 AATTATGTATGACCTAACGTCAAAGCCCCGGGAACCCTGAGTGGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024754

Insert Size: 2082 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: [NM_001024754.1](#), [NP_001019925.1](#)

RefSeq Size: 2187 bp

RefSeq ORF: 2082 bp

Locus ID: 295088

UniProt ID: [Q4V7C6](#)

Cytogenetics: 2q31