

## Product datasheet for **RN205123**

### **Mynn (NM\_001012178) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mynn (NM_001012178) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mynn
Synonyms:	MGC108895
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN205123 representing NM\_001012178  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGATTTTCGCCTTCATTGCTAGTCCCTCTTCTACAGAAATATCTAGTATTACTGGGAACATCGAGT  
 TGAATCAACAGACTGTCTTCTTACTCTTCGAGATTATAACAATCGGGAGAAATCAGAAGTCTCCACAGA  
 CTCAGTTCAGGCAAACCTAAACAACGGGTATTGACAAAGAAATCGTCTCAAAGTAAAAAGAAAAAG  
 GCCTTCAATTCAGAACCCAGGGCGAGCTAAAGCACTGCAACACCACAGTGGTGTTCAGAGAGTGCCT  
 CTGTGAGTATTCTGGATGCGAACAAGTTGTCCCCACCTGCAGTAGAACAAAGTATTCAAGGAAATGA  
 CACTTCAGAACTTGAGTTGACCTCAGTTGTGGAGAATACTTTTCTGCACAAGATATTGTGCAAAGTGT  
 ACAGTCAAACGGAAACGTCGAAATCACAGTCACTTGTGCCCTGAAAGAACACTCCATGTCTAACATAG  
 CCAGTGTAAAGAGTCCATATGAGCTGGAGAACGCCGGGAAGAGCTGGACCAAGGTATTCCAAGGCCAA  
 GCCAATGTGTAAACAGTGTGGGAAGGTGTTTTCAGAAGCCAGCAGCCTTCGAAGGCACATGAGAATACAC  
 AAAGGAGTCAAGCCGTAGTCTGCCACTTGTGTGGAAAGGCGTTTACCCAGTGAACCAGCTGAAAACCTC  
 ATGTGAGGACTCACACAGGGGAAAGGCCATATAAATGTGAACTGTGTGATAAAGGATTTGCTCAGAAATG  
 CCAGCTGGTCTTCCATAGTCGCATGCATCATGGTGAAGAAAAACCTATAAATGTGATGTGTGCAATTTA  
 CAGTTTGAACCTCTAGCAATCTCAAGATTCATGCAAGGAAACACAGTGGAGAAAAGCCATATGTCTGTG  
 ATAGGTGTGGGCAGAGATTTGCCAGGCCAGCACCTGACCTATCATGTCCGAGGCACACTGGAGAAAA  
 GCCTTACGTGTGCACACCTGCGGAAAGGCCTTGTCTCTAGCTCTCTCATCACTCATTCTCGGAAA  
 CACACAGGAGAACGACCTTTATCTGTGAATTATGTGAAATTCCTTACTGACATTAATAAACTTAAAGA  
 AGCATAAAAACAAAGTCCATTCTGGTACAGATAAAAAATGCAGATTGCAGTGTAGATGACCATGCTGTAAG  
 TGAACAAGACTCCATACAGAGAAGTCTTTGTGCAAGAACGCTAGATGTGAAGCCTTCTGATGACTCTA  
 CCTTAGCGCTTCTCTGGGACTGAGGACCACATATGCTTCTACCTGTACGGATAGTCACTCTCCTA  
 CATCAGACACACTGCTGAGGTCAACTGTGAATGGATATTCGGAACCACAGTTGATTTTTTTACAACAATT  
 ATATTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001012178
- Insert Size:** 1407 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\_001012178.1, NP\_001012178.1  
RefSeq Size: 2350 bp  
RefSeq ORF: 1407 bp  
Locus ID: 361924  
Cytogenetics: 2q24