

## Product datasheet for **RN215672**

### Maz (NM\_001110319) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Maz (NM_001110319) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Maz
Synonyms:	Pur-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215672 representing NM\_001110319  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTCCCGGTGTTTCTTGCACGCTGCTGGCCCCCCTTCCCGTGCTGGCCTGGACTCCCGGGGG  
 TGGCGGCCTCATGAACTCCTTCCCGCCACCTCAGGGTCACGCCAGAACCCCTGCAGGTCGGGGCTGA  
 GCTCCAGTCCCGCTTCTTTCCTCCAGGGCTGCGCCAGAGTCCATTCCAGGCCGCCAGCGCCCCA  
 CCCACGCCAGGCCCGCGGGCCGAGCCCTCCAAGTGGACTTCTCCCGGTTCTCGCCGCCGCAAG  
 AATCAGCCGACGGCTGCAGCTGCTGCGGCTGCTGCCGTGAGTGGTACTGCACCCCGGCCCTGC  
 TGCCGCTCCACAGTGGACACAGCGGCCCTGAAGCAGCTCCGGCGCTCCTCCACCACCCCTGCCGA  
 TCCGCACCAGCCGAGGCCGCGCCCCCGCGGGTCCACTATCGCCGACGGCTGCCACCCTG  
 TTGTCGCCCAACCTCGACGGTCTGTGGCCCCGTTGCATCTGTCTTGAGAAGAAGACAAAGAGCAA  
 GGGGCCCTACATTTGCGCTTTGTGCGCAAGGAGTTCAAGAACGGCTACAACCTCCGAAGGCACGAAGCC  
 ATCCACACAGGAGCCAAGGCTGGCCGGTCCCCTCGGGTCTATGAAGATGCCACGATGGTGCCCTGA  
 GCCTTTGAGCGTCCCCAGCTGAGCGGGCCAGCGGGGTGGGGGAGAAGCCGGGGCTGGCGGGCCAC  
 GGCCGGTGGCGGCTGGTGGTGTGTGACCACGACTGCCTTGAAAGCGCATCCGGAAGAATCACGCC  
 TGTGAGATGTGCGGAAGGCCTTCCGCGAGCTCTACCCTGAACCGACATAAGCTGTGCATTCCGACG  
 AGAAGCCCTACAGTGCCTGTGTGCCAGCAGCGCTTCAAGCGCAAGGACCGCATGAGTTACCACGTGCC  
 CTCACATGACGGCGTGTGCACAAGCCCTACAAGTCTCCACTGTGGCAAGAGCTTCTCCCGCCGGAT  
 CACCTCAACAGTACGTGACACAAGTGCCTCTACAGAGCGGCCCTTCAATGTGAGAAATGTGAGGCAG  
 CTTTTGCTACGAAGGATCGACTCCGAGCGCACACAGTACGACACGAGGAGAAGGTGCCATGTCATGTG  
 TGGCAAGATGCTGAGCTCAGCTTATTTTCGGACCACATGAAGGTGCACAGCCAGGGCCCTCACCATGTC  
 TGTGAGCTCTGCAACAAAGGTAAGTGTGAGTTTGTCCAATGGCAGCGGACGAGCAGCAGCAGCAGCGG  
 CAGCAGCAGCAGTGGTGGCAGCCCTCCACAGCTGTGGCACCCCTCTCTGGGCAGAGGGGTACCAGT  
 GAGCTCTCAGCCACTTCCCTCCCAACCCTGG**TGA**

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001110319

**Insert Size:** 1434 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\_001110319.1, NP\_001103789.1  
RefSeq Size: 1434 bp  
RefSeq ORF: 1434 bp  
Locus ID: 691842  
Cytogenetics: 1q37