

## Product datasheet for **MC219680**

### Gm10324 (NM\_001177832) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm10324 (NM_001177832) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm10324
Synonyms:	ENSMUSG00000071302
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC219680 representing NM\_001177832  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATGCAGTGACTTTTGACGATGTGCATGTGAATTTCACTAAAGAAGAATGGAATTTGATGGATCCTT  
 CCCAGATGAATCTCTACAAGATGTTATGTTGGAGACCTACTGGAACCTTACTTCTATAGGCTACAATG  
 GGAAGACCATCATATTGAAGAATCATGTCAAAGTTCTCGAAGACATACAAGGCATGGAAGAAGTCATAGG  
 TGAAGAAGAACTCTATGAATGTAATCAATGTGGTAAAGTCTTTGCAAGACCCGCTCATATCCAATGTCATA  
 AAAGAACCCTACTGGAGAGAAACCTTATAAATGTAATCAATGTGGTAAAGCCTTTTCTCTCACAGTTG  
 TCTCAGATATCACAAAAGAAACCATACTGGAGAGAGACCTTATGAATGTAATCAATGTGGTAAAGCCTTT  
 TCCTCTCACAGTAATCTCAGATATCATAAAAGAACCCTACTGGAGAGAAACCTTATGAATGTAATCAAT  
 GTGGGAAAGCCTTTGCAAGACCCGCTGATCTCCAATATCATAAAAGAACCCTACAGGAGAGAAACCTTA  
 TGAATGTAATCAATGTGGTAAAGCCTTTTCTGTACAGTGGTCTCAGATATCATAAAAGAACCCTACT  
 GGAGAGAAACCTTATGAATGTAATCAGTGTGGGAAAGCCTTTGCAAGACCCGCTGATCTCCAATATCATA  
 AAAGAACCCTACAGGAGAGAAACCTTATGAATGTAATCAATGTGGTAAAGCCTTTTCTGTACAGTGG  
 TCTCAGATATCATAAAAGAACCCTACTGGAGAGAAACCTTATGAATGTAATCAATGTGGTAAAGCCTTT  
 TCCTGTACAGTGGTCTCAGATATCATAAAAGAACCCTACTGGAGAGAAACCTTTTGAATGTAATCAAT  
 GTGGTAAAGCCTTTTCTCTCACAGTGGTCTCAGATATCATAAAAGAACCCTACTGGAGAGAAACCTTA  
 TGAATGTAATCAATGTGGTAAATCCTTTGCTACATCCAGACATCTCCAATGTCATAAAAGAACCCTACT  
 GGAGAGAAACCTTATGAATGTAATCAATGTGGGAAAGCCTTTGCTACATCTAGTCATCTCCAATGTCATA  
 AAAGAACCCTACTGGAGAGAAACCTTATGAATGTAATCAATGTGGTAAAGCCTTTTCTGTACAGTGG  
 TCTCAGACATCATAAAAGAACCCTACTGGAGAGAAACCTTATGAATGTAATCAATGTGGTAAAGCCTTT  
 TCAAGACCTGCTTATCTCCAATCATAAAAGAACCCTACTGGAGAGAAACCTTATGAATGTAATCAAT  
 GTGGTAAAGCCTTTGCAAAACCCAGTCTCTCCAATGTCATAAAAGAACCCTACTGGAGAGAAACCTTT  
 TGAATGTAATCAATGTGGTAAAGCCTTTTCTGTTACAATAGTCTCAGATATCATAAAAGAACCCTACT  
 GGAGAGAAACCTTATGAATGTAATCAATGTGGTAAAGCCTTTGCTACATCCAGTCATCTCCAATGTCATA  
 AAAGAACCCTACTGGAGAGAAACCTTATGAATGTAATCAATGTGGTAAAGCCTTTGCTACATCCAGTCA  
 TCTCCATTGTCATAAAAGAACCCTACTGGAGAGAAACCTTTTGAATGTAATCAATGTGGTAAAGCCTTT  
 GCAAGACCTTCTCATCTCCAATCATAAAAGAACCCTACTGGAGAGAAACCTTATGAATGTAATCAAT  
 GTGGTAAAGCCTTTGCTACATCCAGTCATCTCCAATGTCATAAAAGAACCCTACTAGAGAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001177832
- Insert Size:** 1815 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\\_001177832.1](#), [NP\\_001171303.1](#)

**RefSeq Size:** 1920 bp

**RefSeq ORF:** 1815 bp

**Locus ID:** 628709

**Cytogenetics:** 13