

## Product datasheet for **MC217408**

### Gm20939 (NM\_001024731) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm20939 (NM_001024731) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm20939
Synonyms:	MGC91356
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217408 representing NM\_001024731  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGCATTGACCTATGATGATGTGCATGTGAACCTCACTCAAGAAGAATGGCCTTTGCTGAACCTA  
 CACAGAGGAATCTCTACAAGATGTGATGTTGGAGATCTACAGGAACCTCAAAGCTGTAGGCTACAATTG  
 GGAAGACCAAAACACTGAAGAATATTGTCAAAGTTCCAGAAAACATGGAAGGCATGAAAGAAGTCGTA  
 GGAAAAACCTCTGAAAATACTAAATGTGGTAAAGCCTTTGCATGTCACAGTCATCCCCAAAAGTATG  
 AAAGAATTCATACTGGAGAGAAACCCAATGATGGTATTCAAGTATGGTGAAGCCTTTGTACATCACTGTAG  
 TCTCCAAATGCATAAAAATAACATACTGGAAAGAAACCTACAATGCAATCAATGTGGTAAAGCCTTT  
 GCACAACCCAGAACTCTCCAAATACATAAAAGAGCACATACTGGAGAGAAACCTTACAAATGTAATGAAT  
 GTGAAAAAGCCTTTGTATGTAATGCTAGTCTCCAAGCACATAAAGTAACTCATAGTAGAGTGAAACCTTA  
 TGATGTAAGCAATGTAGTAAATCCTTTGCCTCTCATGGTCAACTCAAGCACATGAAAGAATTCATACT  
 GGAGAGAAACCTTACAAATGTAATCAATGTGGTAAAGCCTTTATAGAACAATCACTCTCAAAGGCATA  
 AAATAACCCATACTGGAGAGAAACCTATGAATGTAATCAATGTAGTAAATCCTTTGCCTCTCATGGTCA  
 ACTTCGGAACATGAAAGAATTCATACTGGAGAGAAACCTTACAATGTAATCAATGTGGTAAAGCCTTT  
 GCAGAACATGGTCAACTTCTAAAACATGAAAGAATTCATACTGGAGAGAAACCTTACAAATGTAATCAAT  
 GTGGTAAAGCCTTTGCATACCATTATGAGCTTCAAATGCATAAAAGAATACATACTGGAGAGAAACCTA  
 TGAATGTAAGCAATGTGGTAAATTTTTGCTTCTCATGGTCAACTCCGAAAACATGAAAGAATTCATACT  
 GGAGAGAAACCTTACAAATGTAATCAATGTGGTAAAGTCTTTGGACGACACAGTCATCTCAGAATTCATA  
 AAAGAATACATACTGGAGAGAAACCTTACAAATGTGATCAATGTGGTAAAGCCTTTCCATATAGTAAAT  
 TCTCCAAGTACATAAAAGAACACATACTGGAGAGAAACCTATGCGTGTGGTCAATGTGGCAAAGCCTTT  
 GCAAAATCAAAGTTATTTACATGTACATAAAAGAATACATACTGGAGAGAAACCTATGAATGTAAGCAAT  
 GTAGTAAATCCTTTGTTCTAATGGTCAACTTCAAAGACATGAAAGAATTCATACTGGAGAGAAACCTTA  
 CAAATGTGATCAATGTGGTAAAGCCTTTGCATACCATTATCATCTTCAAATGCATAAAAGAATGCATACT  
 GGAGAGAAACCTATGAATGTAAGCAATGTGGTAAATTTTTGCTTCTCATGGTCAACTCCGAAAACATG  
 AAAGAATTCATACTGGAGAGAAACCTTACAAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001024731
- Insert Size:** 1575 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\\_001024731.2](#), [NP\\_001019902.2](#)

**RefSeq Size:** 2514 bp

**RefSeq ORF:** 1575 bp

**Locus ID:** 100044193

**Cytogenetics:** 17 E5