

Product datasheet for **MC228369**

Gm5141 (NM_001256065) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5141 (NM_001256065) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5141
Synonyms:	380850
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228369 representing NM_001256065
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGCAGTGACTTATGAGGACGTGCATGTGAACCTCACTCAAGAGGAGTGGGCTCTGCTGGATCCTT
 CTCAGAAGACACTCTACAAGATGTCATGCTGGAGACCTACAGGAACCTCAGTGCCTTAGGCTTTAGTTG
 GGAAGCCCAAAATATTGAAGAACATTGTCAAAGTTCTAGAAGACACAGAAGGTGTGAAAGGAGTCAGAGT
 GCAGAGAAAACCTCTGAATATACTCAACATGGTAAAGCATTTGCTTTCCATGCTCACAGTCATGCCAAA
 GGCATGAAAGGATTCATACAGAAAAGATCCCTCTGAAGTTATTCAGTGCATCGAAGACTTTTACCTTA
 CACAAGTCTCCAAGTACATAAAAGAGCACAAAAGTGGCCAGAAAACAGTATGAATATAAACAATGTGGTAAA
 GGATTTGCATGTCCAGTCTTCTAAAAGGCATGAAAGAATTCATACTGTCGAGAAAACCTACAAATGTA
 ATCAGTGTGATAAAGCCTTTCCCTTAAATATAGTCTCCAAAGACATATAAGGACACATACTGGAGAAAA
 ACCCTTCAAATGTAATCAGTGTGAAAAAGCCTTTTCACATCATTGTAATCTTCAAACCTCATAAGAAGACA
 CATAACCAGAGAGAAAACCTTCAAATGTAATGAATGTGACAAAGCCTTTTCCCAATTTGGTAATCTCCAAA
 ATCATAGAAGGACACATACTGGAGAGAAAACCTTCAAATGTAATGAATGTGACAAAGCCTTTTCAGAGAA
 AGGTAGTCTCCAAAAACATATAAGTATACATACTGGAGAGAAAACCTACAAATGTAATCAGTGTGATAAA
 GCCTTTTCCCATAAACAGAGTCTCCTAATACATATAAGGATACATACTGGAGAAAAACCTACAAATGTA
 ATCAGTGTGATAAAGCCTTTTCCATAAACATATTCTCAAAAACCATATAAGGATACATAGTGGAGAAAA
 ACCCTACAAATGTAATCTTTGTGATAAAGTCTTTTCACGACACTTTCACCTCCAAATCATATAAGAACA
 CATACTGGAGAAAAGCCTTACAGATGTAATCAATGTGATAAAGCCTTTTCACATCAGAAAACCTCTTCAA
 CTCATAGAAAAACACATACCGGAGAGAAAACCTTCAAATGTAATGAATGTGACAAAGCCTTTTCAGAGAA
 AGGTAGTCTCCAATCACATATAAGGACACATACTGGAGAAAAACCTACAAATGTAATCAATGTGATAAA
 GCCTTTTCCCATAAACAGAATCTCCAAATACATATAAGGATACATACTGGAGAAAAACCTACAAATGTA
 ATCAATGTGATAAAGCCTTTTCTATAAACAGAATCTCCAAATACATATAAGGATACATACTGGAGAAAA
 ACCCTACAAATGTAATCAATGTGATAAAGCCTTTTACACCAAGGTAATCTTCAAACCTCATAAGAAGACA
 CATACCAGAGACAAAACCTTCCAATGTAATCTTTGTGATAAAGTCTTTTCACGACACTTTCACCTCCAAA
 ATCATATAAGAACACATACTAGAGAGAAGCCTTACAAATGTAATGAATGTGGTAAAGGCTTTTACAACA
 CAGTTCTCTTCAAACCTCATAAGAAGACACATACCGGAGAGAAAACCTTCAAATGTAATCAGTGTGATAAA
 GCCTTTTCTGTAAACATCATCTCAAACACATATAAGGATACATACTGTAGAAAAACCTACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001256065
- Insert Size:** 1746 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001256065.1](#), [NP_001242994.1](#)

RefSeq Size: 3292 bp

RefSeq ORF: 1746 bp

Locus ID: 380850

Cytogenetics: 13