

Product datasheet for **MC220365**

Gm381 (NM_001111144) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm381 (NM_001111144) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm381
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220365 representing NM_001111144
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTTCCAAAAGACAATACATTGTATATCCAAATAGATCTTTGCAAAGGGAAAACCATCTTACCAACC
 TAAATTCAGAAGAAAGGTTAATTTTCCATCATCAAGTTGCAACTCAGAAAATAATATCAGTATCAGAAA
 GCCAGAAAACCATGAGATATGTCATAACTGGATTCTCCCAATACCTAAAAATGCAGCCAAAAGATTCTGAA
 GTGGAAATTCCTATCTCCCTAGTCTACACAGATCCCTGACTGATTCTAAAAAGTCTTTGATTGGTTCAA
 TAATAGAAGAATGTGGCAAAGTTCACATTCATTTTCCAAGTAACAACCAGGGACCACAAAAGTCATTAT
 TAGCGGCTCCATGGAAATGTTGAAAAGACCAAGAAAAGCTTCTGCAACTTGCAGAAGAGGAGCAAGCC
 AAAAGTTATTCTGTGGCTATTCTGTCAAGTCAAATATACCAATTTCTTATGAGTAAAAATGGTGGCA
 ATCTTCAGAAAATCTGTGAGAAGACTGGGGCACGAATCATTTTCTACCTTTAAGAACAAGGATCAAGA
 ATCAGTAACTATCATAGGAACAGAAGAGGCTGTCAAAAATGTGCAAAAAGAGGTAGAAGTTTACTGAAA
 AATTTGGAGGATGTGGTGGAGGATAGCATATTAATAAGTCTAAGTCCACAATTAATTTGTCATGCAAA
 GGGGACAGCTTTACGAGAAATAATTAAGAATATGGTGGTGTGTTTATTACATTTTCTTATGTAGGAAA
 ACAGAGTACAAAAGTCACAATAAAAGGAGCAAAAAGCTTGTGTCGAAGCAGCAAAGAAACATATTCAGGGG
 ATATTTGATCCCTTGGGATCACAAAGTCACAACACAGTGTGTTATTTCCCCCAAAATCCATCCTTTTATCA
 TGGGACCTATATGCTCTCGAATTCACAGATTGCAAGAGACTGTAAGGTTCAAATAAAATTTCCAGATAC
 AGAAAAGGCAATTAGGAAGACACATCCAGAGGTTCAGAAAATGGGGAAAGAAAAGGGGGGAAGAATATT
 AAAAAACCCGCTTCTACTTCTCCTAAGAAAAGTGACACCATGTCTATTTCCGGTAAAGCAGAAAATTGCA
 AGGAGGCCGCACAAGCTCTGGAGACCCTGTTCTGTCTGACTGCTGAAGTGAAGTACCTTTTCATCTACA
 TCCTTACATCATTGGCCCAAAGGAAGTGGATTACACAAGCTAATAAAGGACTTTGAAGTTCATATTCAA
 GTATCACAACTGGGGAAATTTTACATCATATCAATTATGGGCCTTGAAGCAAATGTGAAACAAGTCA
 AAACAAAATTGCAAAATCAAGTAAAAGCCTTACAATGGAAGTAGATGATCAGCCTTTAAGAAAATTCAG
 GAAAACATTCAGATTAGATCCCAATAATCATTCCAAGTCTTTGGTAATAAAGGCATACTTATTTCCAG
 ATTTGCACAGAATATGATGTCCTGTCATTTTCAAAGAAAGGAAACAATTCGATACAAGACCAATTA
 CCATTGCTGGCTCTAAAATTAACATCCTCGGTGCCTATGATGCAATAATGAAGTCTGTCATAAGATTGA
 AAAACAGTTTCCAAGGAAATCCACTGAACCATCATGTTTGTGCCAACATCTTTGGATTGGTGCAAAA
 TCCATCCAGAAAATCATGGAACAATCCAAGTAGACGTCCTGTACATTCAAAAGGATCCTGTAGTAATT
 CTAGCATCGTTGTAAGTGGATCATCTTGTAAATGTCCAAAAGCAATTGAGTATATCTTAAGTCTTGAGAA
 ACATTTCTGTCTGTTGGAAAATCTGATCCTCCATTGGACCATCAAGCATGGTGGTCTTTATAACACA
 GCTGCAAGAACATCTACAAGCTTTGGTAAAAGAAATAGTCTTCGTAATGCAAAACCCACCACATATCCTC
 CACGTGCCGACAATTCTGAAGATTTTCCAAAATGAAACACCAACATCTCCTAAGTTTCAGCCTTGGAG
 ACCATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001111144
- Insert Size:** 2037 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_001111144.1](#), [NP_001104614.1](#)

RefSeq Size: 2037 bp

RefSeq ORF: 2037 bp

Locus ID: 214308

Cytogenetics: X E3