

Product datasheet for **MC229745**

Gm1966 (NM_001277182) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm1966 (NM_001277182) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm1966
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229745 representing NM_001277182 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAACAGAAAAGTGTATCCCTGACGAGCCTCAGTCCAGACGCAGGAGGAGGCTCCATCTCCAGAAGA
TGCTGACAGAAGTGGGACTGTCTGTTGACTACTGGCTGCCTAAGCTTCAGGAAAACCTAGGTGTGAGCTC
TGCCAGGCTTACAATATTTAGACAAAAGAGACCTCCAGAATCTGAAGTCCAGACACAGCATGCTTGG
GAGAAAAAGGCTCTGGAGAAGCTGCTGGACCTCTCACAGCCAAATAGTGTTCAGAGCTGCAGGAGACTC
CAAGGGAGATGATAAAGAACAGGCAGAGGCAGGCAGGACAGGCACTGCAGGCACTGAGAGCCTTGCAGTC
AGAAGGGAAGCACAGACAGGAAGAGGCAGTGAGGAGAAAAGGAGCAGAAGTGAAGCAAGCAATGGAGATC
CCTGAGGAGTGTGGCCACGGCTGAAGTGTCCCTAAAAGACATCACTGAAATAATGGAGAGACATCTCA
GTCACATGGAACGGACCCTGTCTCACAGTCAAAGCTCTCAGATGGAGACCTGGTAAAGTGGCATCTGG
AGGGCTGGTCTGCAGGGAATTTATAAGACCAACCACCAAGAAGCCTGATTCAGAAGAGAGAAGAGCTA
CTCAGTGTCCCTAAGCAGTTCTCACTTGTGGCCAGTACATGGCACAGAGATAAAAACAAAGGAATTTT
CATCTTTTCAAGAACAAGCCATGTTTACACAGACTATAGAGAGGGTGGGTTTCAGTTCACCCCCCTAGT
TAAAGGAGAAGGTTGGGGACTTAGTCTAGAAGCTGGTATGGGTCACAACAACAGACAGAATCTGAAGAT
AACTACAGTCCCATTCAAAGCAAACCTATTTTTGCTCAGCCAGGTTTCAGCTACATCCCATTGGCCACCT
GCCATTTTACATCAATGATCTTGAAGTCTCCAGGCTGCTCTCCAGGAATAAAAAGTATTGAAGAAAT
CCTGGAGCAGACTACACACCACCGAGATGGACTACCCTTACTGAGGCACAGGGCTAAAACCTTTTCCAC
AGGTTTGGCTCTCATGCTAACCAAGGCCCTGTGCACCTGGGGGAATCTACTGCTGGAAGCCATTTTCAG
AAGTTTCAAAGTGAGCACTTGGCTGATGTAAGCAGCAAGCAGAAGAGTCTTTGAATATTTACATTAT
GGGCAGTTATAGTGGCTTTGGAGTTAAAGTTGGTGGCAGTGTAAATATAACAAATCAAATCAAACA
GCATTTTACAGTAAAACATCTAAACTCGAAACCAAGGTGCAACTATCTGTAGCCAAGATAGGTGGAC
CAGCAGAAGCAGATGGAATGCCCCAGTGGACAGCTGGCCTGTAGCTAGCAATCAAACCTGGTCTGTTAT
TGATAGGGAAGTGCAGTTGGTACCTATTTGGGACATTATCCTGTCCAGTACAGAACTGAATTTAAGAAT
GCTCTTCAACTGGCTAACTGCCTCAAAGACCACTACACTGCTCTGACTGAACTAGCTGCCAGATTCAG
AAGGGGAAGAATTTCTGACTGCTAGAAAAGAAGCTAAGCTTTTCTAGAGAATGTAAAGGCTGGGAGGT
TTCTGATCCTGAAGAACAGCTTAGGAAGTTAGTAGATTTTATGCAACATTGAGTCAAAAAATAAAAAGT



[View online »](#)

TATGACATTTGGATTAACACATGCCTCATAGATTGGGATCTGCAAAATTTCTAATAAACATTGTCAACT
TCTGCAAAATTCACCCACTTATAAACTCACTTTATTAATCTCAGTTGTGCAGCCTTCTAGAACCCTCA
TGTCTACAAAGTGACAACTTCTCCTCAGGCACAATCCATCATACAGTGGATCAATCAGTCAGAGTCAGAG
GAAGAAGTAGTCAAAATACCTCATTTTCTGAATTCATTAACACCTTAAGAAAACCCACAAATACCTAA
TGGAAGAGAGTTTCAAACTGAGCCCCAGAAAGAGTGGAGAAGCAAAGAGAATGGCTACATATGAAGT
CACCACAGCTCAGCTCCTTCTGAAGTACCTCAGAGAAACACAGCAGCCAGACATGCAGCTGTTGCTA
CTCTCCATTGCTACTGGTGTAGGCTATCAGTTGGTAAACAGTATTTTTCCAGCATCTTCTGGGGTGTGATG
AGTTAAACTTCTCTGGATCAAATGGAAAATAACGAACATAAATACCAAGAACTGAAAAATATTTGCAA
TTACAGAGCCCAGGCATTCTTGGTGTCTACAGCCCTAAGAGCCACAGTTGAAATCACAGATGTTTCTACA
GAAGAGAAAGGACAACGTTTGCATTAATAACAACAACATATGGGGTCACTGTTGTCTGAAGAAGTTGCAC
ATGTCCTCACAAAACATGGAGAACATCATGACTGGGAAAGGCTGGAGAATGATTTGAGATTACTCATTGA
GGGGGACTATAAAGCCACCACCTTCTTACAAATGGATGAAGTAAAAACAATTGCAAAGTCTCTGC
CATGAAAAGAAACAGACTTATAACAACAAGGTAATGAAAACAGAACAAAAGAAATGATAGAAAATGGAC
ATTTCTGGACTTACTCCAACGCTAGGCCTAGACAATTACTATCCAAAAGCATGCACAGAGCTGACTT
CCATCTGATCTATAAACTCTGTGTACAATTCACAGCCAAAGTCTGAAAAGGAGCTTCCATTCTATTTT
CTACAAAAGCTACTGATGTTGGATTATGGGTTGAGACATCTTGCTTTAAATGATGATGAAAGCATAAAA
AACAGATCTCCATAGGGTCTCCAATCATGAAAATGAAGACTTTGATCCATATGAGGATGTCATTAAGA
CAATGACAGTCTGGCTATCTTTTCCAGACTGAGTCTGGCCCCACATTCACCCAATGGATATCCAGATG
GCCATTTTACTGTGTCAGATGATCATACCAGGCAATATATTTTGTCCAAGCTTTCCATTTGTCAATATG
CACTCCCTCTTGTGGTACCAATCCCAACACTTCTCAGTTGAATTTTGTCTCTGGTCTCTCAGACAAAT
TAGGAAAATTTGGCAAGATGCAAGTAAATCTCCACAGGACAAGAGCTACAGTCACAGAAATCAGCAGATG
TGTCGTGTCTTACCCCCATTGTGTCTTCAATAGAGTTGGAAACGGCCTCTCTGCTTCCAAATCTCAGA
TCACTCACTCTTCTCAGTAAACGTAACATGATGTGTTTTTTCACAGACACTGCAGAGGAAGCAACAA
ACACTGTCTCTGATGCAGGGAGTGGTGAATCTGCTGTTCTGTCCAGCTGGCCAAAGGTGAGGACATG
TTTGACAAGTGTCTGATGTTACCAATCTTATGGAGATGCCAAGGAACATAGCCAAACTCAGTTTCC
TCCAAGATGTCTTCTATCATTGTGATCCTCATGTCAACTTCTGATAACAATAAAGAAAACCAAGAGCT
TGTCAGACACCTCTGTCAGTCATCAACACCTTTGATCTGCTTGATTGATGACAAAAGAAAAGGCCATAGCA
AATATTTCTGGTAAAAGAAATGAAAATGGCATCAAGAATAGAAAATGAGGCAGAATTAACAGAGGAGCTCA
CCAAAGCCATCAAACATTTTCTAGTGTCTCTAACACTGCTCTCAGTTTAGAGGACTGTTTACAGACAGC
TCGAGAACAAGGATTCCTTATTGATGAAGACCAGAGAGACTGCAAGGAAGCTAAAGAAAAGGCTCAGAGT
ATAATGGTCTCTGGAGGAATACAAGTTATCTCAGATAAAAGAAAATTTACTACCCCTTCAAGGACAAC
TTTGGCACCTTTGGTGTAAAAAGACAAAAGAAATCTATCATCTGAGAGAAAAGGGGAATCCGAGCATAGA
ACTACACAAGAGTGAGATTGAAAACAGAGAAAAGAAATAATTCGACGTCAACAGTTGAAAAAGCCTTCTCT
CTCAGTGATTTAATGTGCTCTGTTCTTGGACTCCTCCAATACTACTCAGAAAACCCATAACAACTTACT
TTTTGCAAGTGGCTCACTCTGTTTTTGGACAACCTGACAAATAGAACACCCGGGAAAAATACATGAAAAGCA
GAGATCTTTGGTTAAGGATACAAACAGAAAAGCAAAGAGAACAGAAGAGTGCCTACCTGACACACTGT
CAGAAGCATGGATGCCATCTCCGTAGAGATTCATGACTGTACTTTAGGAATTGAGCACCTTCTCCGAG
AAGTTGGCCAGATCTATGAAGCTCTGGAAGAACTTCTCCCTCTAGAGATAGCCTTTTTCTTTACCTACC
TCAAATTTGCTGCAGACCTGATGATAGCTGGTGTCCCATTGAGCTGATGGATGGGATGCTTCAATGTG
CCTCTAAGGTGGGTAGCAGCTATTTTTGACAAGTCTCAGAGAAAAGTTAAAGACAAAAGGATGTTTGTTC
TCTCTGCCCTTGGCTGCAGAGCTCAGGGAAGTCTACCCTGCTGAATGCCCTGTTTGGGCTGCAGTTTAC
AGTCAGTGCAGGCAGGTGTACCAATGGGCCTATATGCAGCTCCTGAAGGTGGAAGAGACATTCACAAAA
GAACTCGGCTTTACATATGTGCTTGTATAGACACAGAAGGACTTCGGGCTCCAGAACTCAACAACAAAT
CTCAGAATTGGGACCATGAGTTGGCAACATTAGTCATTGGTCTTGGAACTTGACTCTGATCAATATTTT
TGGGGAGAATCCCTCAGAGATTCAGGACATTCTACAAATATCTGTTCAAGCATTCTGAGAATGAAACAA
GTAATATCTCCCCAGTTGCCCTTTGTCCATCAAAATGTGGGAGAAGTACAGCAAAAAGACCAAACTA
TGAAGGACGGAGGAGACTGGAGCAGAACTGGATGAAATGACTGCATTGGCTGCTGAGTTGGAAGAGTG
CTCAAACATAACCAGCTTCAAGTATGTAATTGAGTTTGTGATGCAATTGGCATGTCTACTACTTTGCTCAC
CTCTGGGATGGTAATCCCCAATGGCCCCCTCCAATCCTCGCTATTGCTACAATGTCCAGGAACTAAGAA
ATGCAATCTTTCAACTACCCAGAAGGAATCTAGGGGAAGGATCTTAAAAATCTCAGATTTCAAATCCG
AGTTTATGATTTGTGAAAGCTATTGTCAAGTAAAACCTCATTCTTCAAGTTTCAAGAACACACAAGAGGTC
ATAGCCATGAGCAAACTGGAACCATGTATAGCCACTGGACCTGGGAGCTAAGGAGTCATGTACTGGACT

TACAGAATCAGCTGGGCAATCAGATTCAAAATGGTAAAATCCTGACACTCACCTCTAATTTGCTGGAGGA
 TCCACTTGGTAAGAAATATGAACTATCAACAAGAATTAACAAATATTTTGAAGAAGACCCAGATAGT
 GAAATATTGGTTCAGTGGAAAGCAAATTTTGAACAAGCTACAAATCCTTAAAGACACACTCATTTTCA
 ATACCAGAAGGAAATGCAATGAACATATCAGTCTTAAAAAAGCCAAGAAATACTTGATAACCGAAAAGTC
 ACAATATGAAAATCAGTTGTTAGAGAGGAGCAGAAAAGTTAGCTTTAAATTTGAAGGGTAAGGAATTAAGT
 GATGAAGAGTTGCATGAGAAATTCAGTCAACTTTGGACAAGTTGGATTTATGATGTATCTTCCAATGTTT
 CTCATGTCACAGAGCCTAACATTGATTTGGACTCCGAAAATATCCTTCTGGAATATTTCAAGAAGGACAA
 AAATATTGTGAAAGACTAAAAATAACGTCTGGAGAAAAGTTTGAATCATGTATGACAAAACATATTCAA
 ATGACAAAAAAATGCCATTTTCATAGAATGAGTTCAGAAAACCTGTCATGTTGAATCCATCAAAAAGACAA
 CCAACAACATTGAGTTAAAATTTACAGAAAACCTTAAAAACATTTTGAAGCAAAAAGCATGATTACAGTGA
 CAATTACTTTTATGAAATCTTGAAGATCATAGAAAATGAGCTGAAATCTGAACCTGTGAGGGAGACTAC
 ACATTTACCAGAGACTACGTCTTTGACTTATCCTTGTACTTATTTCAAACAGCATCCAAGTATTTCAAGA
 AAATGCATGAGGCATTCAAGAGTGCAAATGACCCTGTGAATCTGAGAGAGAAAAGATGATTTCTT
 TATAAATTTTAAAGATCTCTGCCAAGGTACAACCTCAATCACATCTTTGTTGACTTCTATGGCGCAAG
 CTCATGCCTGCTATCTATGACACCATATGAAAATAATGGTTCAAAGAATAGCTGGAGACATGCGAGCCA
 CCTGCCCTGAATTAATGAAAACAGAGCTAACCTGGAGAAAACATATTCTCTACTCTAGCAGAAGAAGA
 AAATTTTGATAAAATACTGGAAATACATTCAAAAAGCAAAAAGAAATTTTTCAGGGATTACATTAGAGAGCAC
 ATTACAAGATACTGTTTCAGAAAAAGGAAATGAAAATATAAAAAATTTTAAACATAAGTTTAGGTGACA
 TCAAGAATACCATCCTTTCTGCCATACATAAGTCCACAAAGGTAGCTAAAGCTAAAGGCAGCACTGCATC
 TGGCTGGCTGGATTTGTTCTGTGATCACCTAGGGAGCAATCTCATCTTCCAAGGAGAGACCTGGTAAGC
 ATGGAGCACCAGGAGCTAATGGATACTGAGTTCCTCAAAGAAGCCATGAGCAAAGCTTTGGATCCTGCAA
 TGAGGGAAAGTAGAAGCGTATTTTTCATGTATGCACATGGGTGAAATTTGTTCTGACATTGAGGAAATTT
 CTCTGAACATCTCTGTGGCTGCTGGAAACAGTGTCCCTTTTGAATGCAATTTGTACAAAACACAATCCC
 CAACATGAAGAAGACCACAGTGTGCCATTCCACCGGCCTCAGGCTGTGAGTGGTTTTTCTTATCATAAAA
 CAGACCACTTCGTCATGATGTTTGTACTAGTGTAGCAAGTATTCTACCTCGTTTTAGATGACCT
 CCGGGAATTCAGATACAAGAAATATCGAGAAGCAGGAGGTGATTATGCCACATGGAGCATACCCCCAGAC
 TCATCCAACCAGCCATATTGAAATGGTTTGTCTGTCAATTCAGATCAAAGCTAGAAGGGGCATATGGCA
 AAAGATTTATAGGGAAAGGTAGAATTCAGCTTCATGGACTAAAATCACAAAGCAAGATGTCTTGAATGA
 CTTAAAAAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001277182
- Insert Size:** 7293 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_001277182.1](#), [NP_001264111.1](#)

RefSeq Size: 8825 bp

RefSeq ORF: 7293 bp

Locus ID: 434223

Cytogenetics: 7 E3