

Product datasheet for **MC220390**

Gm5134 (NM_198635) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5134 (NM_198635) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5134
Synonyms:	EG333669
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220390 representing NM_198635
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCCCGGAGAGCCACCATGGCGTCACCTGGAACCAGAGCACCTGGGCTTAAGTCTCCACAGCA
 CCACAGACACACTGGTGATGACGTTCTACCTCTTGCTGGTCGTGCGTCGGGCTGGATGGGCATTTTC
 CATTATCTTCAAATATTGGCAGCGGCCACTATATGGCCTGGCTGGCATAGGTGCAGCTTCAGGGATT
 GCTGTTGGGGCCCTTGAGTGAATAGTATATTTATGCTCTTTCTTCTTGGTTGGATATTTGTGCCATCT
 ATAGCAAGGCTGAGGTGGTGACATTGCCAGAATATCTGAAGAAGAGGTTTGGCAGCCTCCGCATCCAGCT
 GTTCTTCACTTTCACTTTCTAATCGTCTATATCTTCAGCAGGATCTCGATGGAGATTGGCTTTGGCGCC
 ATGTTCTTGAAAATGGTTTGGGACTGATATTTACCAGACCATGTTGACCGTGTGACGATCATCGGCA
 TGTATACCATCACAGGTGGCCTGGCCACTGTGGCTTACGTTGAGAGCTTACAAGCTGGTATCATGATTTT
 GGGCTCAGCCTTGTTAATGGGTTATGCCTTTTATGAAGTTGGAGGGTATCCGAAGCTGGTGAAGTAC
 ATGGAAGCCATCCAAGCAAGACCCAGCAGGGGAACTGGACTGCCAGCCAGAGTCTATCTGCCCGCTC
 AGGATGCTTTCCACATCTTCCGAAGCTGTGTCTCTGGAGACATTCCTTGGCCTGGACTCATCTTAGGGGC
 CACCACTGTCTCTGTCTACGGGTGTGCCGATCAGGTTTCTGTCCAGCGGTTTCTGGCAGGAAAGAGC
 AGGCTTACATGGAAGGTGGCTGCCTATTGTGCGGCTACTTAAAGCTGTGCCCATGTTCTCATGGTGA
 TGCCGGGCATGATCAGCCGATCTTGTACCCAGATCAAGTGGCCTGCGTCGTGCCTTCGGAATGCCAGAA
 GTTCTGTGGCCGAGGAACCGGTTGTAGTGCCCTGGCTTACCCAGTGTGGTCTTAGGAGTGATGCCTCAT
 GGCTGCAAGGCTTTATGCTGTCCACAGTGTGCGCCTCCCTCATGTCTTCTTACGCTCTATTTTCAACA
 GTTCCAGCGCCCTGTTACGCTGAACATTTATACCTGGATTTCGGCCACGGCCACCGAGAAGGAGCTGAT
 GATAGCTGGCAGGTTTTTTGTTATAATCTTGCTGCGCGTACCATTGTCTGGATCCCCATTATAGAATG
 GCCCCCAATGAGATACTGTTGAGTACATGCAGGTTCTTAAAGAGCTGTCTGACCCCGAGCATGACTGCCG
 TCTTTCTGCTGGCTGTCTTTGCAAGAGGGTGAACGAGCAGGGCGCCTTCTGGGACTGATTGTGGGAAC
 CACAATGGTGTCTTTCGACTGTGGCTGAGTTTTTCTATGGCCCGTGACTTGGGGAGAGACCGCCAG
 TGTCTATATTCATCTGCGGCCTCCATTACCTCTATTTTGGCTTTTGCCTTTTCTTGGTCAACATCTGA
 TCATACTGGCCATCTCCTTAGCTACGGAACCGATTCCAGATCACCACTCCATGGTCTCTGCTGGAGTTT
 ACGTAACAGCCAACAGAGGAGAGTGGCTTTAGACAAAGAGATGAGATGGAAGGCTTCCCCAGCTTCA
 TCCAGCCAGGTATGTTTGGGGAGGCCACACCTGCCTCTGGAAGTTCTGGGACTGTTCTGCGGTCTCG
 ACTCACAGTCAAAGTGTAAAGACAGGCCCGGAGAAGCTACCGAGAAGGAGTTAGAGGACACTGGAAGAA
 GGTTGTATCCAGCGACAGGTCAACGGCCTTTGAGATTCTGGCCAGGAGAATGGCAGCCAGAAAGAGTGAG
 GAACACGAGGATAGGATGAAAGACTGGAGCAACGAACCCGAGAGCCTCTTCTGGAAGAGAGTCGTGCAGG
 CTAGCGCCATCCTTTTGTCTGATTCTCATTGTTGCGCATGTCTATTTTGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_198635
- Insert Size:** 2016 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_198635.3](#), [NP_941037.2](#)

RefSeq Size: 2838 bp

RefSeq ORF: 2016 bp

Locus ID: 333669

Cytogenetics: 10