

Product datasheet for **MC221062**

Gm5347 (NM_001079931) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5347 (NM_001079931) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5347
Synonyms:	EG384814
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC221062 representing NM_001079931

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

 ATGACTGGGGCTAAGTCTGGTCCATAAAAGGAACATGTTCTTAAGTTCTGCCTGTGGAAGATGCTCT
 TCTCTGCATATTCACCAATTGGACATGCTAAGTACAGTAGCCTTCCAGAAGTAGTGATACCTTGAGGGT
 CACTGTCACTAGAGGAAATAATATTTACCAGGTTGGCTGTCTATAGCCTGAACATTGGGGGCGAGAGG
 CACATAATCACTATGAAACCCAAGAAAACTTGATATCCAGAACTTCTTATTACTTATAGTGACC
 AAGGTGATCTCCTTGAAGAACAGCCTTTTGTGCAGAACGACTGCTACTACCATGGCTATGTGGATGAAGA
 CCCAGAGTCCCTGGTCATTGTCAATACCTGTTTGGGAGCTTGAAGGCACACTAGAGATAAATGGCACA
 ACTTATGAAATCATGCCAAGAGCTCAACGTCAACATTTGAACATCTGGCTTATAAATGGAGAGTGGG
 AGTCAGAACCATCTCCATGAGATGTGGGTATCAGAAGAGGAAATAGCACGACAAATGAAGCTTCAAGA
 AAGCAATGCCTCTACTCTTTTGCAAATCCCTATGAGAATTGGTGGACCATCACAGGTTTATTGATTAT
 TTTGTAGTAATAGATCATAAACGATACGTTTCATAGAAATAACAATACCACGACTTGATTCAAGATATGT
 TGCAAGTAGTCAATGGAATAAATGGTTATTATCTTCAAATACAACTGATGTGGTTTTAACCAAACTTGA
 AGTGTGGAGTCAAAATAATCTTATCAATGTAGAACAAGAAATGTCAAAGTCTAGGTGCATTCTGTAAT
 TGGAAGATAAAACGATTGGGAAACGTGTAGACATGATATACACCTTTTGTGAGAGTGTATG
 GTATATATTTAGGGTTAGCTTATGTAGGTACAGTTTGTAACTCTTAAGTGTGAGTTAACAGTTTTCT
 TTCTGATTCGTTATCAGATATGGCATTATCATAGCACATGAGATGGGTCATAACTTTGGCATGATGCAT
 GATGGAAGTGCATGTACATGTGGTTACATAGCTGCATAATGGCCCCACATAAATCGAATTCTCCAAAT
 TCAGTAAGTGTAGTTATGAAGAAATGTTTCAGTTGTTACCAAAAGAAGTTGCTTGTATGATATTCAGA
 TGCATAAAAAACAATAAACCTGATGCCGACCAAGTGTGGCAATAACTTGGTTGAAGAAGGAGAGCAGTGT
 GATTGTGGGAACCTGAATCCTGTTTACAAGATCCTTGCTGTAGCAGCAACTGTGTTTTCAACCAGGTG
 CTAATGTGCTTTTGGACGTTGTTGTAATAAATTGCCAGTTCCTTAAAGCAGGCACTGTGTGTAGACAAGA
 GAAAAATGAGTGTGACCTTCCAGAGTGGTGAATGGAACCTCAGGTGAGTGTCCAGGAGATGTGTATAAA
 GCAGATGGAATCCGTTGCAGTCGTGGTGGTTATTGCTATAAAATGGAATGTCAACGACATAATAGGCAGT
 GTCGGGAGATTTTGGCAAGAGAAGTAGAAGTGCAGATGAAATTTGCTACATGGAATGAACAGACGTGG
 TGACCGCTTTGGGAACCTGTGGCAATGATAGCTCTAAGTATAAAATATGCGAGCTCACTGATGACTCTGT
 GGGCGAATTCAGTGTGAGAATGTGATACAACCTCCCCAAAGGAGAAACCATGAGACAGTGCATTTTACTC
 ACTTCAGTAATAACACCTGCTGGACTATGGACTATCATTTTGGGATCACCATAGATGACGTTGGAGCAGT
 GAGCGATGGCACACCTTGTGCTCCAGACCATATATGTCTTGACAGAAAAGTGTGTGAGCAAGTCTGTTCTG
 GTAAGTAACTGTACACCACAGTTATGCCATATGCAAGGAGTCTGCAACAATAAAGACCACTGCCATTGTA
 ATAACACATGGGAACCAAGAGTGTCACTACGTGGCCATGGAGGTAGTATAGACAGTGGACCACTCC
 AGTGCCTTTATCTCCTTCCAACCTGGAGTATGACTTCTAGCTTTTATAATTATGTATGTGCTTGGCTTT
 ATTGCTTTGTATGGCATTATGAATTAAGGAAAAATATCC**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001079931

Insert Size:

2142 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001079931.2, NP_001073400.1</u>
RefSeq Size:	2564 bp
RefSeq ORF:	2142 bp
Locus ID:	384814
Cytogenetics:	8 A4