

Product datasheet for **MC221209**

Gm5346 (NM_001025240) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5346 (NM_001025240) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5346
Synonyms:	EG384813
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221209 representing NM_001025240
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTGGGGCTAAGGTCGTGGTCCATAAAAGGAACATGTTCTTAAGTTCTGCCTGTGGACAATGTTCT
 TCTTCTCTGCATATTCACCAATTGGACATGCTAAGTACAGTAGCCTCCAGAAAGTAGTGACACCCTTGAG
 GGTCACTGTCACTAGAGGAAATAATAGTTCACCAGGTTGGCTGTCTATAGCCTGAGCATTGGGGGGCAG
 AGGCACATAATCACTATGAAACCAAGGAAAATTGATATCCAGAAAATTCTTATTACTTATAGTG
 ACCAAGGTGATCTCCTTGAAAGAACATCCTTTGTGCAGAAATGACTGCTACTACCATGGCTATGTGGATGA
 GGACCCAGAGTCCCTGGTCATTGTCAACACCTGTTTTGGAAGTTTGAAGGCACACTAGAAAATAATGGC
 ACAATTTATGAAATCATGCCAGGAGCAAAACGTCAACATTTGAACATCTGGCTATAAAATGGACAGTG
 GGGAGTCAGAACCATCTCCCATGAGATGTGGGTTATCAGAAGAGGAAATAGCACAACAAATGAACCTTCA
 GAAAGCAATGCCTCCACTCTTTTGCAAAATCCCCTATGAGAATTGGTGGACCCATCACAGGTTTATTGAT
 TATTTTGTAGTAATAGATCATAATTGCTATGTTTATAGAAAATAACAATACCACGACTTGTATTCAAGATA
 TGGTGAAGTAGTCAATGGAATAAATGGTTATTTCTTCAAATACAGACTGATGTGGTTTTAACCAAAGT
 TGAAGTTTGGAGTCAAAAATCTTATCAATGTAGAAGAAGAAATGTCAGCGGCCCTAGATGCATTCTGT
 AGTTGGAAGAAAATGCGATTGGCAATCGTGTTAGACATGATATCATACACCTTTTTGTCAGACACAATT
 ATGTTAAATTTTTAGGTATGGCTAAATTAGGTCAAGTTTGTAACTCTTAACTGTGCAGTTAACAGTTT
 TCTTACTGATTCGTTATCATATCTGGCATTTCATCGTAGCACATGAGATGGGTCAAACTTGGGCATGAAG
 CATGATGGAAGTGCATGTACATGTGGGTTACATACATGCATAATGTACCCATATGCATATATTTCTCAA
 AATTTCAGTAACTGATGTTATGAAGAAATGTTTTAGTTGTCAACAGAAGAAGTTGCTTGTACAATATTC
 AGATGCACTAAAAACAATAACACTGGTGGCCGACCATGTGTGGCAATAAATTGGTTGAAGAAGGAGAGCAG
 TGTGATTGTGGAACTCTGAATCCTGTTTACAAGATCCTTGCTGTAGCAGCGACTGTGTTCTCAAACCTG
 GTGCTAAATGTGCTTTTGGACTGTGTTGCAAGATTGCCAGTTCTTCAAACAGGCACTGTGTGTAGACA
 AGAGAAAAATGAGTGTGACCTCCAGAGTGGTGAATGGAACCTCAGGTGAGTGTCCAGGAGATGTGTAT
 AAAGCAGATGGAATCCGTTGCAGTCGTGGTGGTTATTGCTATAAAATGGAATGTCAACGACATGATAGGC
 AGTGTCCGGAGATTTTTGGCAAGAGAAGTAGAAGTGCAGATGAAATTTGCTACATGGAAATGAACAGACG
 TGGTGACCGCTTTGGAACTGTGGCAATGATAGCTCTATGTATAAAAGATGCGAGCTCACTGATGTACTC
 TGTGGGCGAATTCAGTGTGAGAATGTGATAAACTTCCCAAAGGAGAAACCATGAGACAGTGCATTATA
 CCACTTCAGTAATAACACCTGCTGGACGATGGACTATCATTTTGGGATCACCATAGATGACGTTGGAGC
 AGTGAGCGATGGCACACCTTGTGCTCCAGACCATATATGTCTCGACAGAAAGTGTGTGCAAGTCTGTT
 CTGGTAAGTAACTGTACACCACACTTATGCCATATGCAAGGAGTCTGCAACAATAAACACCACTGCCATT
 GTACTAACACATGGGAACCACCGGACTGTCAACTACATGGCCATGGAGGTAGTATAGACAGTGGACCACC
 TCCAGTGCCTTTATCTCCTTCCAATTGGAGTATGTACTTCTAGCTTTTATAATTATGTATGTGCTTGGC
 TTTATTGCTTTGTATGGCATTGCGAATTAAGGAAAAAATCCTAAAAGAATCGGTGCCAGAATCAGATT
 CTGGTGATAAAAAATCTCACTAGAAAACAACAGGATCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025240

Insert Size: 2211 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:	<ol style="list-style-type: none">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:	<u>NM_001025240.1, NP_001020411.1</u>
RefSeq Size:	2211 bp
RefSeq ORF:	2211 bp
Locus ID:	384813
Cytogenetics:	8 A4