

Product datasheet for **MC221140**

Gm5936 (NM_001081670) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5936 (NM_001081670) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5936
Synonyms:	EG546325
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221140 representing NM_001081670
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACTCGTCAGAATATGTACTCTGTGGCTGGAAGGCCAGCTGTGTCCTGCAAGGGTGTGTCCAGAC
 CCAGGACCCAGCCCATAGTAAAAGGAGAGGGGTGCCCTTCTGGAGGTCCAAACTGCGCTGTGGGTGA
 GAAGAGGAGAGTGAGGAGCTCCAAGGTGAGGCCCTAGCCAAGTCTGAAATCATAAGCATCAACTCCTTG
 GCAGGAAAGGAGTCACGGGGCAGGGGCTCGCCAGGGCAGACCAGGGCATCCAGGAGAGCCCTCAAGGTGG
 CCCTGGATGGTCTGGGTGAGGGAAGCAGCTTCTTTCAAGGAGGAAGAGCAGGTAGCCGAAGAACCAGCAC
 CTTGGCTCCAAGGTTCCAAAAGAGCAGGCCAGCTCCAGCAGCTCCAGCCTAGGTGAGCGCTGTGCCTG
 CGCCTGCGCCAGCTTCTGCCCTGAGCCTGTGCCAGCGACTGCACCTACACCTGCGCCTGCGTCTGCACC
 TGCACATGCACCTGTGCCTCCAGGGGCGCAACCAGAAAGGCCAAGGGCTCTCCAGAGGAGTCTGGGAA
 GCGGGTCCGCCCGGATCCAGGTCTGTGATGATGGGCTCGCAGAATGTGCCTGCAGTGCCTGTGGGGAAA
 GCCCAGGCCACACTGCTGTAGGCCTCCCGCGCTCTGAAATGGAAGGGGATGTGTTAAGAGGCACCCAGAG
 TGTGGCCAAGTTACTCAAAGAAGACACCCTTGGGAAAAGCTGGCGGTAATCCAGGGAAGGAAAGGCCAGG
 CACAGGGAAGAGAAAGCTCAGGTCTTTGAGTGCCCCAGCCTCCAGAAAGGGTACCCGATTTAAAACCGAG
 CAGCAGGCTGCCTCTGGGCCACCGAGGCACATCTATCTCACCCAAAGCCCTCAAACAACGAGTTCCGGT
 GTGCTGGCTTAGAGATCCGGGCAGCTGGAGCCAAAGAAAGACCGCCCTCGCAGAGAACAAGGACCATCC
 TGGCTTGGGGACCCGAAGCCAGACTCAAAGCGGGCATCTGCAGCCTGCATGCCCCAGTCTGAGGCTA
 CGCAGGCTACTCCGCATAGTAGTCGAAAAAAGAAGACCCATGTGCTGTGTGCCCTGTGTGGGCTCCCAG
 AATGGGAACCCCAAGTGCACTCAAAGGTGACCAACACCAGTTCAAGAGGAGAGGGGCCCGAGTTCCAGAA
 AGATGCCAAAGCCACCAATGTGGTTTCTGCCCAGGAGCCAGCACCATTGAGCAAGGAACGCTGGTTTGG
 TTCAAATTTAGGACCTTCTTTCTGGCCAGCAGTGGTCAAGAGTGTGAGCAAAATCGATAAGATGGCGA
 GGGTGTGTTGATCGAGGGCAACATGCAGTTTGTGAGCGAGGGGTATCCGTGTCCCTCTCCGCAAGTTGAA
 GCACCTGGACTGTGGGGAGAAAGTATCACTTGTGAGGAGAGCCAGCAGACTGTACGCCCAGGGCATCAAC
 TGGTGTCTCTCAGTATCGACCACTACAGAGAGGGCCTCTCCCGTGGCTCCTTACTGGGCTCCTTTATGG
 ACTACTACACCACCAAGCCAGTTACCCGTAAGGAGAGCCGTCCAGGAGGGTGACCTGCACATCGATTT
 CCCAAGGTGAGCTATGCTGAATTGGAAGATTGGGAGGAGGAGACCGCCCTGGGTGGGAAGGGGCCCTAC
 AAGAACTCCTGCCGACCGCATGAGGGCCGCTTGGGACAGAGCCAACCAGAAGCTCGTGGACTTATCG
 TGAAGAGAAAGGGGGCCGACCAGCAGCTGCTGGACATCGTGAAGGGCAGAAAACCGTCCAGGTGGCTGGA
 CGATCTTTGAAATCAAAGAGGGGAAGTCTTCTGCATTGAGACCTACCTGGAGGACGATGACCAGCTGCAT
 CTCGTGGCCAGACATTTGCAAGAAGTGGCCAAGGAAGCAGACGAGGCCCTGCTCTCGCTGGCAAGAGGAG
 ACAAGTGAGGTTTACCATGGAAGTTCTTTTCCAGAAGCCATCATCTACTCCATCGCTGCCCTGGATGA
 GCTCAGCTACAAGGAGGCAGAAGAGAAGTACCTGCGTGGCCACCCGTGCACTACCGTGAGAAAGAGCTA
 TTCGACAAGACCATCTTAAAGGCGGCCAGGAAGAGGTGAGCAGCCAGGATTCGGGCTGCCAGGGACCCCTC
 CTGTGCCCACTCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081670

Insert Size: 2187 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_001081670.2, NP_001075139.1</u>
RefSeq Size:	2871 bp
RefSeq ORF:	2187 bp
Locus ID:	546325
Cytogenetics:	X A7.3