

Product datasheet for **MC221138**

Gm5640 (NM_001099302) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5640 (NM_001099302) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5640
Synonyms:	EG434797
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221138 representing NM_001099302
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACTCGTCAGAATATGTACTCTGTGGCTGGAAGGCCAGCTGTGTCCTGCAAGGGTGTGTCCAGAC
 CCAGGACCCAGCCCATAGTAAGAGGAGAGGGGTGCCCTTCTGGAGGTCCAAACTGCGCTGTGGGTGA
 GAAGAGGAGAGTGAGGAGCTCCAAGGTGAGGCCCTAGCCAAGTCTGAAATCATAAGCATCAACTCCTTG
 GCAGGAAAGGAGTCACGGGGCAGGGGCTCGCCAGGGCAGACCAGGGCATCCAGGAGAGCCCTCAAGGTGG
 CCCTGGATGGTCTGGGTGAGGGAAGCAGCTTCTTTCAAGGAGGAAGAGCAGGTAGCCGAAGAACCAGCAC
 CTTGGCTCCAAGGTTCCAAAAGAGCAGGCCAGCTCCAGCAGCTCCAGCCTAGGCCAGCGCTGCGCCTG
 CGCCTGCGCCAGCTTCTGCCCTGAGCCTGTGCCAGCGCTGCACCTACACCTGCGCCTGCGTCTGCACC
 TGCACATGCACCTGTGCCTCCAGGGGCGCAACCAGAAAGGCCAAGGGCTCTCCAGAGGAGTCTGGGAA
 GCGGGTCCGCCCGGATCCAGGTCTGTGATGATGGGCTCGCAGAATGTGCTGCAGTGCCTGTGGGGGAA
 GCCCAGGCCACACTGCTGCAGGCCTCCCGCGCTCTGAAGTGGAAGGGGATGTGTTAAGAGGCACCCAGAG
 TGTGGCCAAGTTACTCAAAGAAGACACCCTTGGGAAAAGCTGGCGGTAATCCAGGGAAGGAAAGGCCAGG
 CACAGGGAAGAGAAAGCTCAGGTCTTTGAGTGCCCCAGCCTCCAGGAAGGGTACCCGATCTAAAACCGAG
 CAGCAGGCTGCCTCTGGGCCACCGAGGCACATCTATCTCACCCAAAGCCCTCAAACAACGAGTTCCGGT
 GTGCTGGCTTAGAGATCCGGGCAGCTGGAGCCAAAGAAAGACCGCCCTCGCAGAGAACAAGGACCATCC
 TGGCTTGGGGACCCGAAGCCAGACTCAAAGCGGGCATCTGCAGCCTGCATGCCCCAGTCTGAGGCTA
 CGCAGGCTACTCCGCATAGTAGTCGAAAAAAGAAGACCCATGTGCTGTGTGCCCTGTGTGGGCTCCCAG
 AATGGGAACCCCAAGTGCACTCAAAGGTGACCAACACCAGTTCAAGAGGAGAGGGGCCCGAGTTCCAGAA
 AGATGCCAAAGCCACCAATGTGGTTTCTGCCCAGGAGCCAGCACCATTGAGCAAGGAACGCTGGTTTGG
 TTCAAATTTAGGACCTTCTTTCTGGCCAGCAGTGGTCAAGAGTGTGAGCAAAATCGACAAGATGGCGA
 GGGTGCTGTTGATCGAGGGCAACATGCAGTTTGTAGCGCAGGGGTATCCGTGTCCCTCTCCGCAAGTTGAA
 GCACCTGGACTGTGGGAGAAAGTATCACTTGTGAGGAGAGCCAGCAGACTGTACGCCCAGGGCATCAAC
 TGGTGCTTCTCAGTGATCGACCACTACAGAGAGGGCCTCTCCCGTGGCTCCTTACTGGGCTCCTTTATGG
 ACTACTACACCACCAAGCCAGTTACCCGTAAGGAGAGCCGTCCAGGAGGGTACCTGCACATCGATTT
 CCCCAAGGTGAGCTATGCTGAATTGGAAGATTGGGAGGAGGAGACCGCCCTGGGTGGGAAGGGGCCCTAC
 AAGAACTCCTGCCGACCGCATGAGGGCCGCTTGGGACAGAGCCAACCAGAAGCTCGTGGACTTATCG
 TGAAGAGAAAGGGGGCCGACCAGCAGCTGCTGGACATCGTGAAGGGCAGAAAACCCCTCCAGGTGGCTGGA
 CGATCTTTGAAAATCAAAGAGGGAAAGTCTTCTGCATTGAGACCTACCTGGAGGACGATGACCAGCTGCAT
 CTCGTGGCCAGACATTTGCAAGAAGTGGCCAAGGAAGCAGACGAGGCCCTGCTCTCGCTGGCAAGAGGAG
 ACAAAAGTGAGGTTTACCATGGAAGTTCTTTTTCCAGAAGCCATCATCTACTCCATCGCTGCCCTGGATGA
 GCTCAGCTACAAGGAGGCAGAAGAGAAGTACCTGCGTGGCCACCCGTGCACTACCGTGAGAAAGAGCTA
 TTCGACAAGACCATCTTAAAGGCGGCCAGGAAGAGGTGAGCAGCCAGGATTCGGGCTGCCAGGGACCCCTC
 CTGTGCCCACTCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001099302

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_001099302.1, NP_001092772.1</u>
RefSeq Size:	2861 bp
RefSeq ORF:	2187 bp
Locus ID:	434797
Cytogenetics:	X A7.3