

Product datasheet for **MC220139**

Gm6614 (NM_001081318) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Gm6614
Synonyms:	EG625716
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC220139 representing NM_001081318
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTTCTGATGGCATTAAACATGGGCATATGTATCCAAATCACTATCAGGAACCTACATGGTTTCCATGC
 TCACACAAATAGAGAGACAATTTGATATCCCTGCATCTATAGCTGGACTCATCAGTGGGAGCTTTGGGAT
 AGGAAACCTTTTGTGATTGTATTCGTGAATTATTTCCGAATGCAACTGCACAGACCTATCATCATTGGT
 GTTGGATGTCAACTATGGGCTGGGGTGTTCCTTAATTTCACTGCCTCATTTCTCATGGGCATATATG
 AATATGAAACAATGATTTACCTGCAAGCAACTTACCATCAACAGCTTTTGTGTGGGAAACAGATC
 CCAGACCTTAAAGCCAACGCAAGACCCAGCAGAGTGTGTGAAAGAAATAAAATCATCAATGTGGATATAT
 GTACTGGTAGGAAATATTATACGTGGAATTGGTGAACCTCCCTTTTGCCTTGGGTGTTTCTACATAG
 AAGACTTTGCCAAATCTGAAACTCTCCTTTATACATTGGGATTTAGAAACAGGAAAGATGTTTGGCCC
 AGTAATTGGACTTTTGTGGGATCCTTCTGTGCAAGCATTTATGTAGACACAGGGTCTGTGAATACAGAT
 GACCTGACCATAACTCCCACTGATACACGCTGGGTGCTGCTGGTGGATTGGCTTTTGTGCTGTGCAG
 GAGTGAATGTCCTGACCAGCATCCCTTTTCTCTTTCCAAAAACACTCCAGAGGAAGGATTACAGGA
 TAATGGGGATGGAAGTGAAGTGAAGAGGAGAGCAGAGAGGAAAGGCCAAGGAGGAAACCGAGGA
 ATCACTAAAGATTTCTTCCATTTATGAAGAGTCTCTCTGCGACCAATTTACGTGCTATTCATCCTTA
 TAAGTGTGCTCCAGATCAGTACCTTTACCAGTACTTTTAACTTCCTGTCTAAGTACCTGGAACAGCAATT
 TGGAAATCCACTGCAGAGGTAGTCTTTTTCATAGGTCTTTATACCTTACCTACAATATGCATTGGATAT
 TTAATTGCTGGCTTTATTATGAAGAAATCAAGATCACTGTCAAGAAAGCTGCATACCTAGCATTCTGCC
 TGTCTTGTGTGAATATCTTTTGGTTTCTGTAACCTTCTGATTGCCTGTGATAATGTCCAGTTTCTGG
 CTTAACTATCTCTTATGAAGGAGTCCAGCACCCCTCTATATGTGGAGAATAATGTCCTTGCTGACTGCAAC
 ACAAGGTGTAGCTCTTAACAAAAACATGGGACCCAGTGTGCGGAGACAATGGTCTATCATTTCATGTCAG
 CCTGCCACACAGGCTGTGAGAAGTCTGTAGGAAGTGAATTAACATGGTGTTCAGAATTGCAGCTGCAT
 TGGGTATCAGGAAACCATCTGCAGTCTTGGACTGCGTGAAGGCTCCTGAGTGTGCTAACAGCTG
 CAGCACCTTTTAACTCTGTCAGTATTTCTCAGTGTCTCTACTCACTCTCAGCCACACCTGGCTACACGG
 TTCTTCTGAGATGTGTGGAGTCTGAAGAGAAGTCACTGGGGTTGGAATACATACATTTTGTACAAGAGT
 ATTTGGTGGCATTCTGCACCTGTTTACATTGGAGCTTTGCTAGACAGAACCTGTTTACACTGGGGAAC
 CAGAAATGTGGTGAAGGAGGAGGATGCAGATGTATGATATTAATAGTTTCAGGAGCATTACCTTGGAC
 TACCTGCAGCACTAAGAGGAATAAGCTATCTTCTGCACTTATTATTGTAATACTTATAAGGAAGTTCTG
 TCTCCCTGGAGAAATCAACTCTTCAGAAATGGAATTGCAGAGATGAAGCTCGCTGAGATGGAAGTGAG
 TGCACAGATGCTCACAGAAGTCATAAGTTCAAGAGTGATGGAGAACTGAAACTAAGTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001081318

Insert Size:

1953 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_001081318.1, NP_001074787.1</u>
RefSeq Size:	1953 bp
RefSeq ORF:	1953 bp
Locus ID:	625716
Cytogenetics:	6 G2