

## Product datasheet for **MC202264**

### Gm609 (NM\_001005854) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm609 (NM_001005854) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm609
Synonyms:	Gm1749; isec1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC054854 sequence for NM\_001005854  
 CTAGAAAACGCGATGTTGTGACTGTTAGTGAAGACTCTCACCCATAGATTCGACGGACTGTTCACTCCTT  
 TGCATCCTCCATCTCTTAATGCTTCTTCTGTGCGCAGACTCAGAGTCTTCACAGAGGATAAAGCATAA  
 CACTTATGAGAGGGCTGTCTGGGAGGAAAACATTTCCATCTTTTGCAACTTCACAAGTCTGGAAAATGTT  
 GAACAAATCACCTGGCAAAAAATCCAAGGCTCATTACCTCAAAAATATTGGCACTTACAGTCATAAATATG  
 GAGAAAAAATCTACCACCATATGTAACAGGTTGCAGTGAAGATCCTGGAACCCAGTGCCTACTTCAT  
 GACTATCCAAGGAGTGACATTTGAAGATGAAGCCTGCTACAAGTGTCTGTTTAAACACTTTCCACATGGC  
 AGCCATGGAGGACAAACCTGCCTCACCATTATAACTGTATCTGAACTGGTAACTGAGCTCCGGTCTGCTC  
 CTGGCTCTGAAGATCTTCATAGCCTTCTTTGTTCACTGTGGGAAAGCCTGCCCTGGAATCTCCGTTTA  
 CCCTTCACAAGTCACAGTGCAGGCACCGCAAGGTAAGTACTTTGCTCAGAACGCCAATGCCACGGTACTGTC  
 ACTAAAATCTACAACATCTCTTTGAAAAGTGCAGGTCCTGGGCTCCAGGACTTGGTTGTGCCATGA  
 CTCCTCCGTAAGAAAATGAAGAGAAAATAGTCCGATTGCCAGTCAATCAAGGAGGTACCACGAATCCTTG  
 TTTAAACTGGATGATAACTGCGATTGCATTTCATCATTGTTTTGTTTTGTTTCATGCATCATCAGTGTGTT  
 CTCTACATTTATTTCAAAGAAAAGGTCAAATAACATGCCGAGCCATCATCAACACAGATGCCTAACCC  
 CACTATCAACACTGGTACCCACACCACCATCAACAGAGACTGAGAACTTAAATGAGACATCACTGCCAGTC  
 TGAGACATAATTGATTGTATGTGATTTTTATTCTGTCACTACATCTTTAAATTAAGAATGTTTCAAATT  
 TTTGAAAATGCATTCACTAGCAGCAATTATCATGTTAGAAAATAAGTGGAGACAAGAATTTGTTTCAAGTG  
 AGGTTTTATTTATGTTAATGTCTTTACATTTTGAAGTTAAAATTAGATTTAACTGATACGTAATAATTAT  
 AGATATTTATGGAGTATCATGTATTTTTGATAACAAGTTAAACGTATCTGTTTACTCAGACATTTATCA  
 TTTCTTTGTGCCTAAAACCTTTTCAAATCTTCTCTGTAAGGTTTTAAAAATATGCAGCACACAGTCATTAT  
 CTATAATTACTCTCCTGTGCAGTAGCTCAAGAAAGTCTCACTTCTAACTATAAATAGTTTTGACCACT  
 TTTTCTCATCTCTCCTACCCTCTACTAACCAGTCTCTAAACAATACCATTCTACTCTCAACTCTGTGA  
 CATGAACTGTGATTCCCTTATCTTGATCAGATCACTTATCACTTGTCTTTAAGTAACTGGATTTTTTTTG  
 GGGGGGGCTTGGTATAGATGAACCCCGAGTTCCATCCACATTTGCAAAATGACAGAATTTCTATTAT  
 GGCCAAAATAATATTCACACCGCTGTGTGTATCATGTTTTTCTTACTCTGCTCATCAGTTCTAGACAGGTAG  
 TTGCTTTAGTCTTCATCTGTTGTGAATAGTGTACAAAAAATAACTGTGGAAGTCCAGATATCTTCTCA  
 ATATTTTCAACATATTGATTTCTTTTCTTTTCAATATATATCCAATAATGGAATAGCCTGATTATACAG  
 CAGTTTGTATTTTAACTTTTTCGAGAACTCTTCATGGTGTTCAGTAATGGGCATATTAATTTATATTTT  
 ACCTACACTATGTGAGGATTCCTTCTCCATATGCATACATCAGTTTTCTTTGGTGCCTTAAATAATAAA  
 TACTCCTGTGGTAAGCTGCTACCTTCTGGTGGCTTGATTTGCATTTCCATGATGACTAATGATATTAA  
 GCATTTTTTTCATGTCCATTAAATGCCATTTTGTATGCCTTCTTCAGATATGCCTATTTAAGTTTATTGC  
 CAATAAAATCAAGTAATTTTTATTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_001005854

**Insert Size:** 642 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.

**RefSeq:** [BC054854](#), [AAH54854](#)

**RefSeq Size:** 2149 bp

**RefSeq ORF:** 642 bp

**Locus ID:** 208166

**Cytogenetics:** 16 B5