

Product datasheet for **MC202103**

Gna14 (NM_008137) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gna14 (NM_008137) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gna14
Synonyms:	AU023208
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027015 sequence for NM_008137
 CTTCCATTCCGCAAAAGTCTACGGGTTGAGGTTTTCGAACTTTGCAAACAGGGACTAGCTGGCCCTTTA
 TTTGCAAGCCAGGCCACACCTGCTGCTAGCCTGCGACACCCTACAGTCCCGGAGAGACCATTCTAGCAGC
 AGCACCAGC GCCCAACTTTTGATTGCGGGTGTGCGTTGCCTACCTGGGTACCCAGCTACAGTGTCCGGG
 GACGCACATCTTCTGGAGACAGCGCCAATCACACTGCCAGTTGCTCTTCTCCTCCCAAGCGCGGG
 GTTGGGTGCCTGATCCCGGACCACACAAGCGCTCAGGACTCGCTGACCTCGAACTGCCTTCGAGAAAG
 CGTTAGCCTAGGAGATCCGAGCCTCTTTCTCCATACCATAGTTGGTTCAGGTGGTTCTCTTTCAAACCT
 TCGCTCTGGCGCGATAATCCCGCGCGCGGGCGTTAAGCTCCAGTCCCTGTCGCTCCGTCGAGGTGGC
 AAGCCATGGCCGGCTGCTGCTGTTTGTCTGCGGAGGAGAAAGAGTCTCAGCGCATCAGCGCGGAGATCGA
 GCGGCAGCTTCGCCGCGACAAGAAGGACGCGCGCGGGAGCTCAAGCTGCTGTTGCTGGAAACCGGTGAG
 AGTGGGAAAAGCACCTTTATCAAGCAGATGAGGATAATCCATGGGTCTGGCTACAGTGTGAAGATAGAA
 AGGGCTTCACGAAGCTGGTTTACCAAAACATATTCACGGCCATGCAAGCCATGATCAGAGCAATGGATAC
 CCTGAGGATACAATACATGTGTGAGCAGAATAAGGAAAATGCCAGATCATCAGGGAAGTGAAGTAGAC
 AAGTCACTGCACTCTCTAGAGACCAGGTGGCAGCCATCAAGCAGCTGTGGCTGGATCCCGAATCCAGG
 AGTGTACGACAGGAGGAGGAGTACCAGCTGTCAGACTCTGCCAAATATTACCTGACGGACATTGAGCG
 TATCGCCATGCCCTCTTTTCGTGCCAACACAACAGGATGTCTTCGTGTTGAGTGGCCACCACCTGGCATC
 ATAGAATATCCATTGACCTGGAATAATCATCTTCCGAATGGTGGATGTTGGTGGCCAGCGATCTGAAC
 GACGAAAATGGATTCACTGCTTTGAGAGTGCACCTCCATCATTTTCTGGTTGCTCTGAGTGAATATGA
 CCAGGTTCTGGCTGAGTGTGACAATGAGAACCGCATGGAGGAGAGCAAAGCCCTGTTTAGAACCATCATC
 ACCTACCCTGGTTTCTGAACCTCTCCGTGATTCTGTTCTTAAACAAGAAGGATCTTCTAGAGGAGAAAA
 TCATGTACTCTCATCTAATTAGCTACTTCCAGAGTACACAGGACCAAGCAAGATGTCAAAGCGGCCAG
 GGACTTTATCCTGAAGCTGTATCAAGACCAGAATCCTGACAAAGAGAAGGTTATCTATTCTCACTTCACT
 TGTGCTACAGACACCGAGAATATCCGCTTTGTGTTTGTGCTGCTCAAAGACACAATCCTACAGCTAAACC
 TACGGGAGTTCAACTTGGTGTAATGGAGGGCCTACTCCTCCGAGACAGAGGGTGTCTGAGCCCTTCT
 GCCTGATCTACAAGTCTTCTGGACCAGGACCTAAGGACATTATGTAGCCACAGGGACAGAGATGGGTA
 GTGCAATGTGAAAAATACTTCACCAACCCTTTAAGTGTCTTTAATTCTTCACTGTCTAACTCTTTTCTC
 GCCTTTTGGTTGAACGATTAGGTATCATTTTGTAGTGGTTCCCTCTCTCTATTTTTAACTAGTGTTC
 ACAGTTATTAATAATCATGCAAAAAATTCATGCAACAGAGGGACTTGTTAATTTACAAATCATGCCTTC
 AGACCTCTGAGATTCATTTAGGTGACTTAAACATCTTCATTGGTTTGATAATTTAAATAAATCTTTTA
 AGAACTTTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008137

Insert Size: 1068 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: [BC027015](#), [AAH27015](#)
RefSeq Size: 1989 bp
RefSeq ORF: 1068 bp
Locus ID: 14675
UniProt ID: [P30677](#)
Cytogenetics: 19 11.29 cM
Gene Summary: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.[UniProtKB/Swiss-Prot Function]