

Product datasheet for **MR200057**

Gng13 (NM_022422) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gng13 (NM_022422) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Gng13
Synonyms: 1500031D04Rik; AB030194; Ggamma13
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200057 representing NM_022422
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGAGTGGGATGTGCCCCAGATGAAGAAGGAGGTAGAGAGCCTCAAGTACCAACTGGCCTTCAAGA
GGGAGATGTCGTCCAAGACCATCCCCGAGCTTCTCAAGTGGATTGAGGATGGAATCCCCAAGGACCCCTT
CCTGAACCCAGACCTGATGAAGAACAACCCTTGGGTAGAGAAGGCCAAGTGCACCATCCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/mm9051_a04.zip

Restriction Sites: Sgfl-Mlul



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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: [NM_022422.5](#), [NP_071867.1](#)

RefSeq Size: 438 bp

RefSeq ORF: 204 bp

Locus ID: 64337

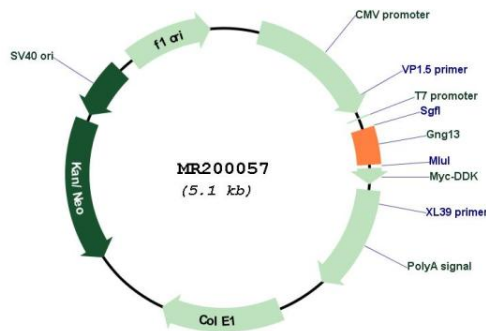
UniProt ID: [Q9JMF3](#)

Cytogenetics: 17 A3.3

MW: 8.4 kDa

Gene Summary: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200057