

Product datasheet for **MC208571**

Gng10 (NM_025277) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gng10 (NM_025277) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gng10
Synonyms: AV006524
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208571 representing NM_025277
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTTCGGGGCCAGCGTGAGCGCCCTGCAGCGCCTGGTGGAGCAGCTGAAGCTGGAGGCTGGCGTGG
AGAGGATCAAGGTCTCCAGGCAGCTGCAGAGCTTCAGCAGTACTGCATACAGAATGCATGCAAGGACGC
CCTGCTGCTCGGTGTTCCGGCTGGAAGCAACCCCTCCGGGAGCCAGGTCCTGTGCTCTACTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025277
Insert Size: 207 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).



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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_025277.3](#), [NP_079553.1](#)

RefSeq Size: 1120 bp

RefSeq ORF: 207 bp

Locus ID: 14700

UniProt ID: [Q9CXP8](#)

Cytogenetics: 4 32.36 cM

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. Interacts with beta-1 and beta-2, but not with beta-3 (By similarity).[UniProtKB/Swiss-Prot Function]