

Product datasheet for **MR227728**

Gng4 (NM_001302997) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gng4 (NM_001302997) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Gng4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR227728 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGAAGGCATGTCTAATAACAGCACCACCAGCATCTCCCAGGCCAGGAAAGCCGTGGAGCAGCTGA
AGATGGAAGCCTGCATGGACAGGGTGAAGGTCTCCCAGGCTGCCTCAGACCTCCTGGCCTACTGTGAAGC
CCACGTGCGGGAGGACCCCTCATCATCCAGTGCCTGCCTCAGAAAACCCCTTCCGGGAGAAGAAGTTC
TTCTGCACCATCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227728 protein sequence
Red=Cloning site Green=Tags(s)
MKEGMSNNSTTSISQARKAVEQLKMEACMDRVKVSQAASDLLAYCEAHVREDPLIIPVPASENPFREKKF
FCTIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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RefSeq ORF: 228 bp

Locus ID: 14706

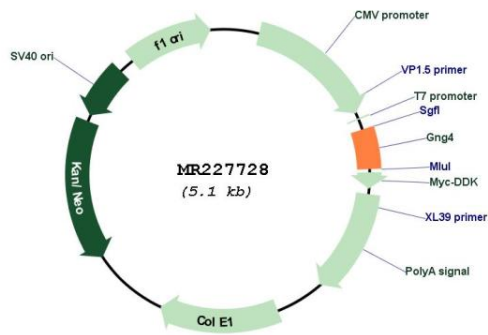
UniProt ID: [P50153](#)

Cytogenetics: 13 5.29 cM

MW: 8.4 kDa

Gene Summary: This gene encodes the gamma subunit of the heterotrimeric G-proteins that are comprised of alpha, beta and gamma subunits. Upon activation by G protein-coupled receptors, the beta-gamma heterodimer dissociates from the alpha subunit to activate downstream signaling events. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]

Product images:



Circular map for MR227728