

Product datasheet for RR206870

Gng13 (NM_001135918) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Gng13 (NM_001135918) Rat Tagged ORF Clone

Tag: Myc-DDK
Symbol: Gng13

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >RR206870 representing NM_001135918
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGAGGAGTGGGATGTGCCCCAGATGAAGAAGGAGGTGGAGAGCCTCAAGTACCAACTGGCCTTCAAGAGGAGATGTCGTCCAAGACCATCCCCGAGCTCCTCAAGTGGATTGAGGACGGGATCCCCAAGGACCCCTT

 ${\tt CCTGAACCCGGACCTGATGAAGAACAACCCTTGGGTGGAGAAGGCCAAGTGTACCATCCTC}$

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAG**GTTTAA**

Protein Sequence: >RR206870 representing NM_001135918

Red=Cloning site Green=Tags(s)

MEEWDVPQMKKEVESLKYQLAFKREMSSKTIPELLKWIEDGIPKDPFLNPDLMKNNPWVEKAKCTIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

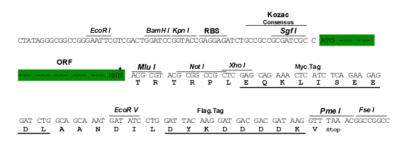
CN: techsupport@origene.cn

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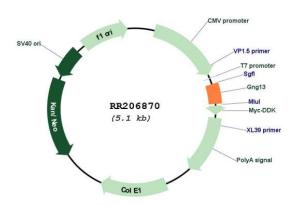
Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001135918

ORF Size: 201 bp

Gng13 (NM_001135918) Rat Tagged ORF Clone - RR206870

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 001135918.1</u>, <u>NP 001129390.1</u>

RefSeq Size: 354 bp

RefSeq ORF: 204 bp

Locus ID: 685451

Cytogenetics: 10q12

MW: 8 kDa