

Product datasheet for **MG219522**

Gpr137 (NM_001177361) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr137 (NM_001177361) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Gpr137
Synonyms: A1428855
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG219522 representing NM_001177361
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAATGGTCGTTGCGATGGTTATTGCTCCCCCTGGACCGAGTGACCGGGATGGGAAGACCAGCTCCTT
 CTTCCCGATCGTGGAGGCCTTGCACTGCCCGTCTTGGGGACAACCCCCGCGCCATTTGGGAGCTCCTT
 TACGGCAGGATGGCCGCCGGGTGCGGAAGAAGGGACGGGGCGCCAGGAAGGCGAGCCGTGGGGCTCCA
 GGGGCTCTGCTGCCAGGATAGGTGAACCACGGGAACCGGTGTGGTGGGAGTAGGAGGGCAATCTCAAT
 GGTCCAAAGGAGTGATGGGGTATCTCTGCTCCAGGTGGTGTTC AAGCCAAGGCGAAGCGTCGGCCAGA
 GATGAGCCGAGGCTTGTGGCTGTCCGAGGGGCCCTTCGTGGGTGCTTCACTGCTCTTTTGTGGTGAAT
 GTACTGTGTGCAGTGCTGTCTCGCCAGCGCCAGGCACAGCCCTGGGTCTTCTGCTGGTACGTGTCTGG
 TGAGCGACTCTCTTTCGTATCTGTGCCCTCTCGCTTGTGCCTGCCTCTGCCTTGTGGCCCGTCGAGC
 CCCTTCCACCAGCATCTACTTAGAGGCCAAGGGGACCAGCGTGTGTCAAGGAGCTGCTATAGGGGGTGCC
 ATGGTCCTTCTATGCCAGCCGGGCTGTTACAACCTGGCAGCTCTGGCCTTGGCCCTCGGAGCCGGC
 TAGATGCCTTCGATTACGACTGGTACAACGTATCTGACCAGGCAGATCTGGTGAATGACCTAGGGAACAA
 AGGCTACCTGGTGTGGTCTCATCTCTCGTTTGGGAACTGCTGCCACCACATTGCTGGTGGGCTTC
 TTCCGGGTACACCGGCCCCACAGGATCTGAGCACCAGTCAATCCTCAATGGCCAGGTTTTTGGCTCCC
 GATCTACTTCTTTGACCGGGCTGGCCACTGTGAGGATGAGGGCTGCTCCTGGGAGCATAGCCGGAGTGA
 GAGCACCAGCATGTCGGCAGCCTGGGCTCTGGCAGTTGGTATGGTCCATCGGACGTGAGCCAGGCTGG
 GGAGGGCCAGCCAGACGAGGACCACTCTCTGCTCTTCTCCCAGGTGCCAGGACCTGGTAGTCACCACC
 ACAGCCTCTATTCTACACCACAGACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001177361.2](#)

RefSeq Size: 1742 bp

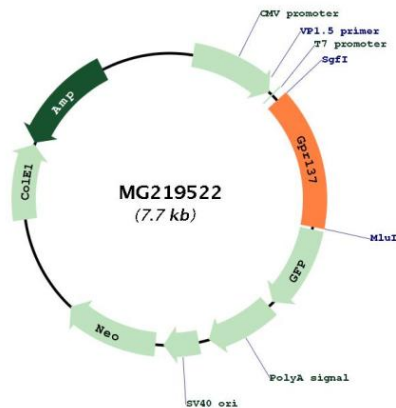
RefSeq ORF: 1149 bp

Locus ID: 107173

Cytogenetics: 19 A

Gene Summary: Lysosomal integral membrane protein that may regulate MTORC1 complex translocation to lysosomes. May play a role in autophagy.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG219522