

## Product datasheet for RC218962

### GPR137 (NM\_020155) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** GPR137 (NM\_020155) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** GPR137  
**Synonyms:** C11orf4; GPR137A; TM7SF1L1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC218962 representing NM\_020155  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGAGAGTAACCTGTCTGGCCTGGTGCCTGCTGCCGGGCTGGTGCCTGCGCTGCCACCTGCTGTGACCC  
 TGGGGCTGACAGCTGCCTACACCACCCTGTATGCCCTGCTCTTCTCTCCGTCTATGCCAGCTCTGGCT  
 GGTGCTTCTGTATGGGCACAAGCGTCTCAGCTATCAGACGGTGTCTGGCCCTCTGTCTGCTCTGGCC  
 GCCTTGCCTACCACCCTTCTCCTTCTACTTCCGAGATACTCCCGCGCCAACCGCCTGGGGCCCTTGC  
 CCTTCTGGCTTCTACTGCTGCCCGTCTGCCTGCAGTTCTTACCTTGACGCTTATGAACCTCTACTT  
 TGCCAGGTGGTGTCAAGGCCAAGGTGAAGCGTCGGCCGGAGATGAGCCGAGGCTTGTCTGCTGTCCGA  
 GGGCCTTTGTGGGGCCTCGCTGCTCTTCTGCTGGTGAACGTGCTGTGTGCTGTGCTCTCCATCGGC  
 GCCGGGCACAGCCCTGGGCCCTGCTGCTTGTCCGCTCCTGGTGAGCGACTCCCTGTTGTCATCTGCGC  
 GCTGTCTTGTGCTGCCTGCCTCGCTCGCCAGGCGGGCGCCCTCCACTAGCATCTACCTGGAGGCC  
 AAGGGACCAAGTGTGCCAGGCGGCCGATGGTGGGCCATGGTCTGCTCTATGCCAGCCGGGCT  
 GCTACAACCTGACAGCACTGGCCTTGGCCCCCAGAGCCGGCTGGACACCTCGATTACGACTGGTACAA  
 TGTGTCTGACAGCGGACCTGGTGAATGACCTGGGAACAAAGGCTACCTGGTATTTGGCTCATCCTC  
 TTCGTGTGGGAGCTACTGCCACCACCCTGCTGGTGGGCTTCTCCGGGTGCACCGGCCACAGGACC  
 TGAGCACAGCCACATCCTCAATGGCAGGTCTTGCCTCTCGTCTACTTCTTTGACCGGGCTGGGCA  
 CTGTGAAGATGAGGGCTGCTCCTGGGAGCACAGCCGGGTGAGAGCACCAAGGTGCCAGGACCAGGCGGCC  
 ACCACCACAGTCTCTACTCCACCCACAGACGTGATCCCCCTCCCTCCCCACAGAATACCAGGCCCA  
 GTCCCCCTCACCTAGGCCCTGTGCCAAGTTGTCTGCCGCTTCTTGCCAGGATCCTGGGGTCTGTG  
 CTACCCCTCCTGCGCCGCTCCTGCTGCTCCTGTCATAGTGAGCTTGTGCCGCTCCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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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\\_020155.4](#)

**RefSeq Size:** 1688 bp

**RefSeq ORF:** 1254 bp

**Locus ID:** 56834

**UniProt ID:** [Q96N19](#)

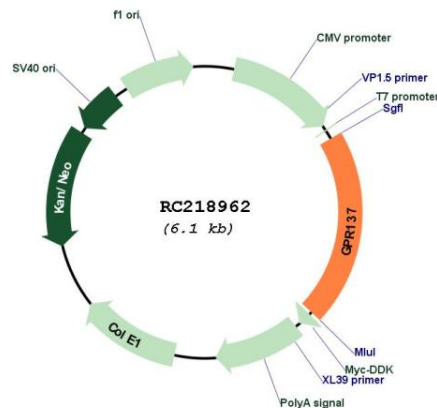
**Cytogenetics:** 11q13.1

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 45.9 kDa

**Gene Summary:** Lysosomal integral membrane protein that may regulate MTORC1 complex translocation to lysosomes (PubMed:31036939). May play a role in autophagy (PubMed:31036939). [UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for RC218962