

Product datasheet for **MC211095**

Gpr137c (NM_027518) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr137c (NM_027518) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr137c
Synonyms:	6330416L11Rik; Gm908; TM7SF1L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC211095 representing NM_027518
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAGGGTATCAGTGTCCGGGCCGGCGCCGCCGGTCCCCACGGCCGGCCGGAACCTCGACGTCCG
 GCGGGGGCGCCGTCGCGGCCTCGGGCGCCGCGTTCCCGGTTCCGTGCAGCTGGCGCTGAGCGTGCTGCA
 CGCGCTGCTCTACGCGCGCTCTTCGCCTTTGCCTACCTGCAGCTGTGGCGGCTGCTCCTGTACCGCGAG
 CGGCGGCTCAGTTACCAGAGCCTCTGCCTCTTCTGTGTCTCGCGTGGGAGCGCTCAGGACCACGCTCT
 TCTCGGCCGCTTCTCCCTCAGCGGCTCTGCCCCTGCTGCGGCCACCCTCTCGCTGCACTTCTTCCC
 GCACTGGTGCTCTACTGCTTCCCCTCTGCCTACAGTTCTCCACGCTCTGTCTCCTCAACCTCTACCTG
 GCAGAGGTGATATGTAAGTCAGATGTGCCACTGAACTTGACAAACACAAAATTCTACTGCATTTGGGCT
 TTATACTGGCAAGCCTCCTCTTCTTAGCAGTGAACCTGACCTGTGCAATGCTAGTCCACGGAGATGTCCC
 AGAAAATCAATTGAAATGGACTGTGTTTATTCGAGCACTAATTAACGATAGCCTGTTTATTCTCTGTGCC
 ATCTCTTTAGTTAGCTACATATGCAAAATTACAAAAATGTCATCAGCAAAATGCTACCTCGAATCAAAGG
 GTATGTCTCTGTGCCAGACTGTATCGTGGGCTCTGTAGTCATTCTTCTACTCTTCCAGAGCTTGTTA
 TAATCTGGTAGTGATCACCATATCACAGGATACCTTAGAGAGTCCATTTAATTATGGCTGGGATAATCTT
 TCAGATAAGGCTCAGGGAGAAGACGGAAATGGAGGAGACTACATTGTCTTTGGAATGGTCTCTTCTGT
 GGGAGCATGTACCAGCATGGTCAGTGGTACTATTTTCCGGGCACAGAGATTAACCCAGAATCTGGCACC
 TGCTGGCATGATAAGCAGCCACAGCTACAGCTCCAGGGCTTTCTTTTCGACAATCCAAGACGGTATGAC
 AGTGACGACGACTTGCCAAGACTGGGGAACACGGGAAGGAAGTTTATCAAACCTCGCAAACCTTTGGGCT
 GGTACGGCACCATGACTGGGTGTGGCGGCGCACCTACACAGTCACACCCCACTGAATGGACCTGTGAC
 AGACACTGCTCCTTTGCTCTTCACGTGCAGTAATTTAGATATAAGGAATCACCATAGCTTATACGTAAC
 CCACAGAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027518

Insert Size: 1272 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).

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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027518.2</u> , <u>NP_081794.2</u>
RefSeq Size:	2444 bp
RefSeq ORF:	1272 bp
Locus ID:	70713
UniProt ID:	<u>E9Q343</u>
Cytogenetics:	14 C1
Gene Summary:	Lysosomal integral membrane protein that may regulate MTORC1 complex translocation to lysosomes.[UniProtKB/Swiss-Prot Function]