

Product datasheet for **MC223927**

Gpr158 (NM_001004761) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr158 (NM_001004761) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr158
Synonyms: 5330427M13Rik; mKIAA1136
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223927 representing NM_001004761
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGAGCCATGGCTTACTCTTTACTCTTCTGCCTCCTGCTCGCTCATCTGGGATTGGGAGAGGTTGGTG
 CCAGCCTCGACCCTCCGGGACGGCCAGATTCCCCTCGAGAGAGGACTCCGAGGGGAAGCAGCATGGTCA
 GCAGCTGCCGCGAGCCTCTGCCAGACCCTCTATTCCCTGGAGCCGCTCCACTGACGGCACCATCTTG
 GCACAAAACTAGCCGAGGAGGTGCCCGTGACGTGGCCTTTACCTCTACACTGGGGACTTCCACCAGC
 TGAAGAGAGCCAACTGCTCAGGCCGCTACGAGTTGGCTGGCCTGCCGGGAAAGTACCCGTCCTAGCCAG
 CTCCCATCCTTTCCTTGCACGGGGCGCTGGACACTCTGACACACGCCACCAACTTCCCTCAACATGATGTTG
 CAGAGCAATAAGTCTCGGGAACAGACCGTGCAGGATGACCTGCAGTGGTACCAGGCTCTGGTGCGAAGTC
 TCCTGGAGGGTGAGCCCAGCATCTCCGGGGCGCCATCACCTTCAGCACCAGTCCGCTGTCCACGCCCGC
 CCCGACGGTCTTCTCCAGGCCACCCGCGAGGAGTGCATCCTGCTGCAGGACCTGTCTCTCCCGCT
 CACCACCTGGCTAACGCCACTCTAGAGACCGAGTGGTTCCATGGCTTCGGCGAAAGTGGAGGCCCACT
 TGCACCCGCGTGGCTCCAATCAGGGGCCACGGGGCTAGGCCACAGCTGGCGGCGCAGGGATGGGCTTGG
 AGGGGACAGGAGCCACGTCAAGTGGTCCCACCTTATCTGGAGTGCAGAGAATGGGAGTTACAAGCCTGGG
 TGCTGGTACGCTCTCTGCTGCCTTACGGGCTTCAACCTAACCTGGTCCCAGAAATTCAGGGGTGTA
 TGAAAGTTGATATAAGCCTTCAGAAAGTGGACATTGACCAATGTTGAGTGCAGTGGCTGGTTTTAGGAAC
 TCACAAATGCCACCTTAACAACCTCAGAGTGTATGCCAATCAAAGGCTGGGATTCGTGCTTGGAGCCTAT
 CAGTGCATTTGCAAAGCAGGGTTCTATCATCCCCTGTCTTCTCAGTGAACAACCTCCAGAGAAGGGGTC
 CAGATCACCATTTTTAGGAAGCACAAGGATGTGTCAGAAGAAACCCACGTCTGCCTGCCCTGCAGAGA
 AGGCTGCCCTTCTGTGCTGATGATCGTCCATGCTTTGTCCAGGAGGATAAATACCTGCGGCTCGCTATT
 ATCTCTTTCCAAGCCCTGTGTATGCTGCTGGACTTTGTCAGCATGCTGGTGGTCTACCATTTTCGAAAG
 CAAAGAGCATCAGGGCATCTGGGCTCATCTGTTGAAACAATATTGTTGGTTCTCTGCTCCTATACTT
 TCCGGTCTTATTCTGTACTTTGAGCCAAGTACATTTCTGTTGATTCTCCTAAGGTGGGCTCGTCTTCTT
 GTTTTGCTACTGTTTATGGAACGTGACCCTCAAGCTTCACAGGGTTTTGAAGGTGTTCTTTACAGAA



CAGCACAAAGAATCCCATACATGACTGGTGGTCGGGTCATGAGGATGCTGGCAGTAAATAGTCTTGTTGT
 GTTTTGGTTTCTTGTGGCTGGACTTCTTCTATGTGCCAGAATTTGGAGCGGGATATTTTCTTGTGGC
 CAAGGGCAAACATCTGATCACCTCACCTTCAATATGTGCCTCATTGACCGCTGGGATTACATGACAGCAG
 TTGCTGAATTTTTATTCTCTTGTGGGGCATTATCTCTGCTATGCAGTGCAGTGTCCCTTACAGATT
 TCATGAGCCACGCTACATGGCTGTCGAGTTCACAATGAGCTCATTATCACGGCTATATCCATAACAATT
 AGATTCGTGCTCGCTCGAGACTTCAGCCGACTGGATGCTGATGCTGTACTTTGCACATGCTCAGTTGA
 CTGTGACAGTCACCAATGGGCTGCTTCTAATCCAAAGTTTTTACATTCAAGCAATAATCCCCGAGATGA
 CATTGCTACGGAAGCATATGAAGATGAGCTGGACATGGGTGCTGCTGATCCTACCTGAACAGCAGTATC
 AATTCAGCCTGGAGTGAACACAGCCTAGATCCAGAAGACATTCGGGATGAACTGAAAAAATCTATGCTC
 AGTTAGAAATATACAAACGTAAGAAAGTATGATCACAAACAACCCACCTTCAGAAAAACGGTGTCCAA
 GAAGGGCTTAGGCCGGTCCATCATGAGGCGCATCACTGAGATCCCAGAGACAGTCAAGACAGTGTCTCC
 AAAGAGGACAAGGAAGGCACAGACCACAGTGCAGCCAAGGGGACAGGCCCTTGTCCGGAAGAACCCTACTG
 AGTCTCAGGGAATACAGGGAGACCCAAGGAAGAGTCCCTTAAAAATCGGGTCTTCTCTCAAGAAATC
 CCACAGCAGATATGACCATGTGAGAGACCAAAGTGAATCCAGCAGCTTGCCCATGGAGACCCAGGAG
 GAGGAGGCCACCGAAAATCAACCTTGGAGTCGCTGTCAAGTAAAAAATGACACAAAAGCTCAAAGAAG
 ATAGTGAGGCCGAGTCCACTGAGTCAGTCCGCTGGTCTGCAAGTCAGCCAGTGTCTCACAACTCAGCTC
 AGAGAAGAAGCCTGGGCACCCACGTACATCTATGTTACAGAAATCTCTCAGTGTCAAGTGCCAAG
 GAGAAGACACTTGGCCTGGCTGGCAAAACCCAGACTTTAGTTATGGAAGACCGAGCTAAGTCCCAGAAAC
 CAAAAGATAGAGAGACCATCAGGAAGTACTCAAATTCAGATAATGTAGAGACTATCCCAAATCCGGTCA
 CATGGAGGAGCCAAGAAAGCCCCAGAAATCTGGGATTATGAAACAGCAGAGGGTCAAGCTCCCACTGCC
 AATCCTGACGTGAGCTCCGGTATCACCCAGATAAAGGACAATTTTGATATCGGAGAAGTATGCCCTTGGG
 AGGTTTATGACCTGACCCCTGGTCTATGCCTTCAGAGCCAAAAGCTCAAAAACAGTATCAATCGCAGC
 TTCTGAAGTGGAACAAAACCTGCTTCTGTTTTGAAGGAGAAGTCTACCACAAGTCTAAGGCAACTGAA
 GGCTCTACCAAGCCAATCACAAGAGCATAGACAAGACAGAGGTGTGCCCTGGGAAATCCACAGTCAAT
 CCTTTTGAAGATGAGAATCGTCTGATTTCTAAGACTCCAGTTCTCCAGGGAGAGCCAGAGAGGAGAA
 TGGAAAGCCAGCTTACACAACCAATATGTGTGCTGGGCAATATGAAGAACTGCCCCACAAAGTCTGAGCA
 CAAAAGTAGAGAATGAAAATCTCAACCAATGGGAGACCAGGAGAAACAGACATCTTCTCTGTGGATA
 TCATTCTGGCTCCTGTAATCAAGTAATAACTCCCATCAGCCCTAACATCACGAGCCGAAGTGTGTCC
 CTGGGAGTTCGAGCCCTAGAACAAACCAATGCTGAAAGAAGCGTAACTTACCTGCCTCTCTGCTTTA
 AGTGCAAATAAGATACCAGGGCCTCAGAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001004761

Insert Size:

3603 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.

RefSeq: [NM_001004761.1](#), [NP_001004761.1](#)

RefSeq Size: 7143 bp

RefSeq ORF: 3603 bp

Locus ID: 241263

UniProt ID: [Q8C419](#)

Cytogenetics: 2 A3

Gene Summary: Orphan receptor.[UniProtKB/Swiss-Prot Function]