

Product datasheet for **MC214286**

Gpr157 (NM_177366) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr157 (NM_177366) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr157
Synonyms: F730108M23Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214286 representing NM_177366
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCCTACCCGCGCTCCACCGAGCTGCTGCCGTGGGAGCGCGGGTGGTCTGCTGCTGCTGCTGCGTGTGCGC
TGTCAGCTCTGGGCTCGGCCTCCTGGTGGCCACGCACGCCCTGTGGCCTGACCTGCGTAGCCGGGCGCG
GCGCCTGCTACTTCTCGTCTGCTAGCGGACCTGCTCTCGGCTGCCTCGTACTTCTACGGAGTGCTGCAG
GACTTTGCGGGCACTTTCGTGGGATTGCGTCCTCAGGGCGCTCTCTACTTTCCGCAACACCAGCTCCT
TCTTCTGGACGGTGGCCATCGCCCTCTACCTATACCTCAGCATCGTCCGAACACGCGCGGGCCCTCCAC
GGACCACCTAATCTGGGCTTTTCACCTCATCAGCTGGGGTGTCCCGTTGGCCATCACAGTGGCAGCCGTC
TCTCTAAAGAAGATAGGCTATGATGCCTCGGATGTGTCTGTGGGCTGGTCTGGATCAACCTGGAGGCTG
AGGACCGTGTCTGTGGATGCTACTGACCGGGAAGCTGTGGGAGATGCTGGCTTATATCTTGCTACCTCT
GCTGTACCTTTTGGTCAGAAAGCACATCAACAGGGCGCACCGGCTCTCGGAGTACCGGCCCATCTGC
GAGGGGCGCCAGCTGCAGCGAGGCTCCTCCACTCCACGGCAGATAAGAAGTTGGTCTCATTCCGCTCA
TATTCATCTGCCCTCCGCTCTGGAGCACCGTGCCTTTGCTGACGCTCTGTGGTTCGCCGCTGTACA
GACACCGTGTGGTTGTTCTGCATGGCATTGGAACACCTTCCAGGGAGGGGCCAACTGCATCATGTTTC
GTCCTCTGTACCCGGGAGTCCGCACAAGGCTCTTTTCTCTTTGCTGCTGCTGTCTCGGCCCTCCACCC
AGAGCCCTCCGGGGGCTCCTACGCCCCCAAGATAGGAGAATCTCAGGAATCCAGACGGACCCAGAAAGT
GCCAGCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177366



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Insert Size:	993 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:	<ol style="list-style-type: none">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_177366.3 , NP_796340.2
RefSeq Size:	4762 bp
RefSeq ORF:	993 bp
Locus ID:	269604
UniProt ID:	Q8C206
Cytogenetics:	4 E2
Gene Summary:	Orphan receptor that promotes neuronal differentiation of radial glial progenitors (RGPs) (PubMed:27142930). The activity of this receptor is mediated by a G(q)-protein that activates a phosphatidylinositol-calcium second messenger (PubMed:27142930).[UniProtKB/Swiss-Prot Function]