

Product datasheet for MC227259

Gpr87 (NM_001302203) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpr87 (NM_001302203) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Gpr87
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC227259 representing NM_001302203
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCTCAACTTGACGCTTACAAAATTACCAGGTAATGAGCTGTACAGCCAAGCAAGTCACACTGCAA
 ACAGCACAAAGTGAGGGACATGGGAAGAAGTCTACCCTGCACAACAAATTTGACACCATCATCCTGCCAGT
 GCTTTACCTAGTTATCTTTGTGGCAAGCATCCTGCTGAACGGTCTGGCCGTGTGGATCTTCTCCACATT
 CGGAATAAAACCAGCTTCATATTTTATCTCAAAAATATAGTGGTAGCTGACCTCATGACCCTGACAT
 TCCCATCCGAATAGTCCGTGATGCAGGATTCCGACCTTGGTACTTCGAGTTTATCCTCTGCAGATACAC
 CTCAGTTTTGTTCTATGCAAACATGTATACATCTATCGTGTCTTGGGCTGATCAGTGTGATCCGGTAT
 CTAAGGTGGTAAAGCCCTTTGGTGACTCTCGCATGTACAGCATAACCTTACCAAAGTTTTATCAGTTT
 GTGTTGGGTGATCATGGCTATTCTGTCCTTGCCAAACATCACTAGCTAATGGGCAGCCAAGTAAAGGA
 AAATATTCATGACTGCATGAAACTCAAAGTCCGCTGGGAGCCAAGTGGCATATGGCTGTCACCTATGTG
 GACAGCTGTTGTTTGTGGCCGTGCTGGTATCCTGATTGGATGCTACATAGCCATCTCCAGATACATCC
 ACAAATCCAGCAGGCAATTCATAAGCCAATCGAGCCGGAAGCGAAAGCACAAACCAGAGCATCCGCGTGGT
 CGTGGCTGTGTTTTTACCTGCTTCTCCCGTATCACTTGTGAGAATCCCTTTACCTTACGTAACCTTA
 GACAGGCTTCTGGATGAATCAGCACATAAAATCCTCTACTATTGCAAAGAAATGACACTTTTCTGTCTG
 CGTGCAACGTGTGCTGGATCCGATAATTTATTTTTTCATGTGTAAGTCATTTTCAAGAAGGTTATTCAA
 GAAATCAAACATAAGAACCAGGAGCGAAAGCATCAGGTCGCTGCAAAGCGTCCGAAGATCAGAAGTGCGC
 ATCTATTATGACTACACTGATGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001302203
 Insert Size: 1077 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001302203.1</u> , <u>NP_001289132.1</u>
RefSeq Size:	1508 bp
RefSeq ORF:	1077 bp
Locus ID:	84111
UniProt ID:	<u>Q99MT7</u>
Cytogenetics:	3 D
Gene Summary:	Receptor for lysophosphatidic acid (LPA). Necessary for p53/TP53-dependent survival in response to DNA damage (By similarity).[UniProtKB/Swiss-Prot Function]