

Product datasheet for MC211972

Gpr87 (NM_032399) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr87 (NM_032399) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr87
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211972 representing NM_032399 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGTCCCTAATGTGAATGTTTCTACTTTTGCAGGTAATGAGCTGTACAGCCAAGCAAGTCACACTG
CAAACAGCACAAGTGAGGGACATGGGAAGAACTCTACCCTGCACAACAAATTTGACACCATCATCTGCC
AGTGCTTTACCTAGTTATCTTTGTGGCAAGCATCTGCTGAACGGTCTGGCCGTGGATCTTCTCCAC
ATTCGGAATAAAACCAGCTTCATATTTTATCTCAAAAATATAGTGGTAGCTGACCTCATCATGACCCTGA
CATTCCCATTCCGAATAGTCCGTGATGCAGGATTCGGACCTTGGTACTTCGAGTTTATCCCTGCAGATA
CACCTCAGTTTTTGTCTATGCAAACATGTATACATCTATCGTGTTTCTTGGGCTGATCAGTGTTGATCGG
TATCTAAAGGTGGTAAAGCCCTTTGGTGACTCTCGCATGTACAGCATAACCTTCACCAAAGTTTTATCAG
TTTGTGTTTGGTGATCATGGCTATTCTGTCTTGCCAAACATCATACTGACTAATGGGCAGCCAACTAA
GGAAAATATTCATGACTGCATGAACTCAAAGTCCGCTGGGAGCCAAGTGGCATATGGCTGTCACCTAT
GTGGACAGCTGTTTGTGGCCGTGCTGGTATCCTGATTGGATGCTACATAGCCATCTCCAGATACA
TCCACAAATCCAGCAGGCAATTCATAAGCCAATCGAGCCGGAAGCGAAAGCACAACCAGAGCATCCGCGT
GGTCGTGGCTGTGTTTTTACCTGCTTCCCTCCCGTATCACTTGTGCAGAATCCCTTTACCTTCAGTAAC
TTAGACAGGCTTCTGGATGAATCAGCACATAAAATCCTCTACTATTGCAAAGAAATGACACTTTTCTTGT
CTGCGTGAACGTGTGCCTGGATCCGATAATTTATTTTTTCATGTGTAAGTCATTTTCAAGAAGGTATT
CAAGAAATCAAACATAAGAACCAGGAGCGAAAGCATCAGGTGCGTGCAAAGCGTCCGAAGATCAGAAGTG
CGCATCTATTATGACTACACTGATGTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1688_e03.zip

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_032399
Insert Size:	1080 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:	<u>NM_032399.1</u> , <u>NP_115775.1</u>
RefSeq Size:	1163 bp
RefSeq ORF:	1080 bp
Locus ID:	84111
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]