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Product datasheet for MC204096

Gpr84 (NM_030720) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr84 (NM_030720) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr84
Synonyms:	EX33
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC023249 TAGGAGGCATTATATGTCCAGCTGGAAGCCTGGCTGTCCCTAGAAAAGCTGGAAGCCTGACTGCCCCTCA AAAGACCTGCTCTTTAGGTGAGCTAGATATTGTTTACTGAAGACAAGTGTGAAAACTGGGAACCTCAGTC TCCATCATGTGGAACAGCTCAGATGCCAACTTCTCCTGCTACCATGAGTCTGTGTTGGGCTATCGATACT TTGCAGTTATCTGGGGCGTGGCAGTGGCTGTGACAGGCACGGTGGGCAATGTGCTCACTCTGCTGGCCTT GGCCATTCGTCCCAAGCTCCGAACCCGCTTCAACCTGCTCATTGCCAACCTCACCCTGGCTGATCTACTC TACTGCACGCTCCTGCAGCCTTTCTCCGTGGACACATACCTCCACCTCCATTGGCGTACCGGCGCGGTCT TCTGTAGAATATTTGGACTCCTCCTCTTTACTTCCAATTCTGTCTCCATCCTCACCCTCTGTCTCATTGC TCTAGGACGCTACCTCCTCATTGCCCACCCTAAGCTCTTTCCCCAGGTTTTCAGTGCCAAGGGGATCGTG CTGGCACTGGTGGGCAGCTGGGTTGTGGGGGTGACCAGCTTTGCCCCCCTCTGGAATGTTTTTGTCTTGG TGCCAGTTGTCTGCACCTGCAGCTTTGACCGCATGCGAGGCCGGCCTTACACCACCATCCTCATGGGCAT CTACTTTGTGCTTGGGCTCAGCAGCGTGGGCGTCTTCTACTGCCTCATCCACCGGCAAGTGAAGCGTGCG GCTCGAGCACTGGACCAATACGGGCTGCATCAGGCCAGCATCCGCTCTCATCAGGTGGCTGGGACACAAG AAGCCATGCCTGGCCACTTCCAGGAGCTAGACAGCGGGGTTGCCTCAAGAGGGCCCAGCGAGGGGATTTC ATCTGAGCCAGTCAGTGCTGCGACCACGCAGACCCTGGAAGGTGATTCGTCCGAAGCTGGGGGCCAGGGC ATTAGAAAGGCAGCTCAACAGATCGCAGAGAGAAGCCTTCCAGAAGTGCATCGCAAGCCCCGGGAAACTG CAGGAGCTCGCAGAGCCACAGATGCCCCATCAGAGTTCGGGAAGGTGACCCGTATGTGCTTCGCAGTGTT CCTCTGCTTCGCCCTCAGCTACATCCCCTTCCTGTTGCTCAACATTCTGGACGCCAGGGGCCGTGCTCCA CGAGTAGTGCACATGGTGGCTGCCAACCTCACCTGGCTCAACAGCTGCATCAACCCTGTGCTCTATGCAG CCATGAACCGCCAGTTTCGCCACGCGTATGGCTCCATCCTGAAACGCGGGCCACAGAGTTTCCGCCGGTT CCATTAAAGCTAGTTAAAGCTAGTAGTCCATTCACCAGGCCAGGCCAAACATCCGGAACCAGAGTGGCCT GCAGAGGACAGGACAGGAGCCCTTCAGTCCTTGGGTATTTCACAGACAACCTCAGTGGTATAGAGGTACA CCACTTTCCCATTCAGGAATCAGTGTGTCAACCCTGTGTGACCCAAGGAGTGTGGTTAATTATTAATAAA GACATTGCATCCCCCCTCAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI

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ACCN:	NM_030720
Insert Size:	1191 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	BC023249, AAH23249
RefSeq Size:	1574 bp
RefSeq ORF:	1191 bp
Locus ID:	80910
UniProt ID:	Q8CIM5
Cytogenetics:	15 F3
Gene Summary:	Receptor for medium-chain free fatty acid (FFA) with carbon chain lengths of C9 to C14. Capric acid (C10:0), undecanoic acid (C11:0) and lauric acid (C12:0) are the most potent agonists. Not activated by short-chain and long-chain saturated and unsaturated FFAs. Activation by medium-chain free fatty acid is coupled to a pertussis toxin sensitive G(i/o) protein pathway. May have important roles in processes from fatty acid metabolism to regulation of the immune system (By similarity).[UniProtKB/Swiss-Prot Function]