

Product datasheet for **MG206206**

Gpr84 (NM_030720) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpr84 (NM_030720) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Gpr84
 Synonyms: EX33
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG206206 representing NM_030720
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGAACAGCTCAGATGCCAACTTCTCCTGCTACCATGAGTCTGTGTTGGGCTATCGATACTTTGCAG
 TTATCTGGGGCGTGCCAGTGGCTGTGACAGGCACGGTGGGCAATGTGCTCACTCTGCTGGCCTTGGCCAT
 TCGTCCCAAGCTCCGAACCCGCTTCAACCTGCTCATTGCCAACCTCACCTGGCTGATCTACTCTACTGC
 ACGCTCCTGCAGCCTTTCTCCGTGGACACATACCTCCACCTCCATTGGCGTACCGGCGGGTCTTCTGTA
 GAATATTTGGACTCCTCCTTTACTTCCAATTCTGTCTCCATCCTCACCTCTGTCTCATTGCTCTAGG
 ACGCTACCTCCTATTGCCACCCTAAGCTCTTTCCCCAGGTTTTTCAGTGCCAAGGGGATCGTGCTGGCA
 CTGGTGGGCGAGCTGGGTTGTGGGGTGACCAGCTTTGCCCCCTCTGGAATGTTTTGTCTTGGTGCCAG
 TTGTCTGCACCTGCAGCTTTGACCGCATGCGAGGCCGGCCTTACACCACCATCCTCATGGGCATCTACTT
 TGTGCTTGGGCTCAGCAGCGTGGGCGTCTTCTACTGCCTCATCCACCGCAAGTGAAGCGTGCAGGCTCGA
 GCACTGGACCAATACGGGCTGCATCAGGCCAGCATCCGCTCTCATCAGGTGGCTGGGACACAAGAAGCCA
 TGCTGGCCACTTCCAGGAGCTAGACAGCGGGTGGCTCAAGAGGGCCAGCGAGGGGATTTTCATCTGA
 GCCAGTCACTGCGACACGCAGACCCTGGAAGGTGATTGTCGGAAGCTGGGGCCAGGGCATTAGA
 AAGGCAGCTCAACAGATCGCAGAGAGAAGCCTTCCAGAAGTGCATCGCAAGCCCCGGGAACTGCAGGAG
 CTGCGAGAGCCACAGATGCCCCATCAGAGTTCGGGAAGGTGACCCGATATGTGCTTCGCAAGTGTCTCTG
 CTTCCGCCCTCAGCTACATCCCCCTTCTGTGCTCAACATTCTGGACGCCAGGGGCGGTGCCACGAGTA
 GTGCACATGGTGGCTGCCAACCTCACCTGGCTCAACAGCTGCATCAACCTGTGCTCTATGCAGCCATGA
 ACCGCCAGTTTCGCCACGCGTATGGCTCCATCCTGAAACGCGGGCCACAGAGTTTCCGCCGTTCCATAG
 CGGACCG

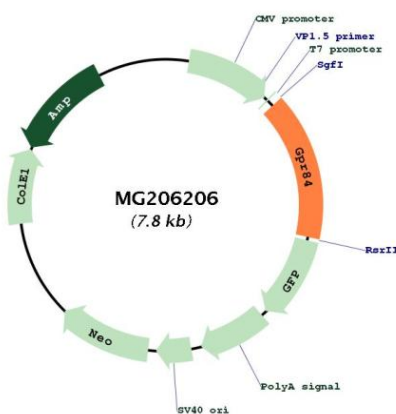
AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_030720.1 , NP_109645.1
RefSeq Size:	1611 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]

Product images:



Circular map for MG206206