

Product datasheet for **MG219454**

Gpr182 (NM_007412) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr182 (NM_007412) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Gpr182
Synonyms: Admr; AM-R; G10-D; Gpcr17; Gpcr22; MB10; NOW
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG219454 representing NM_007412
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCAGTCATACCCAGCCCCAGGCCCGTCTCCACCTTGGAAACCGACAATGATTTTAGAGACATCCACA
 ACTGGACAGAGCTGCTCCACCTTTCAACCAGACCTTTACCGATTGCCACATAGAATTCAACGAGAACAC
 CAAACACGTGGTCTCTCGTCTTCTACCTGGCCATCTCGTGGTAGGCTTAGTAGAGAAGCTCCTGGTG
 ATATGTGCAACTGCCCGCTTCAAGCCGGTGGGGATGCTGAACCTGTACATCCTCAACATGGCCATCG
 CAGACCTGGGCATCATCCTGTCTGCCTGTTGGATGCTGGAGGTCATGCTGGAGTACACTTGGCTCTG
 GGGCAGCTTCTCCTGTGCTTATTATTATTTCTACCTTGCAACATGTACAGCAGCATCTTCTCCTG
 ACGTGCCTCAGCATTGACCGCTACGTACCCCTACCAACACCTCTCCCTCCTGGCAGCGCCACCAGCACC
 GAATACGGAGGGCCGTGTGCGCAGGCGTCTGGTCTCTCCGCCATTATCCCACTGCCGGAGGTGGTGCA
 CATCCAGCTGTTGGATGGCTCCGAGCCCATGTGCCTTCTCCTAGCACCTTTGAAACGTACAGCGCCTGG
 GCCCTGGCAGTGGCCCTGTGCGCCACCATCCTGGGCTTCTACTGCCTTTTCTTCTCATCGCAGTGTTC
 ATATCCTGACAGCCTGCCGGCTTCGGAGGCAAAGGCAGACGGAGAGCAGGCGCCACTGCCTGTTGATGTG
 GGCTTACATAGTTGTCTTTGCCATCTGCTGGCTGCCCTACCAAGTGACTATGCTGCTGCTCACTGTCAC
 GGGACCCACATCTCTCCTCACTGCACCTGGTTAACCTTCTACTTCTTCTACGAAATCATCGACTGCT
 TTCCATGCTGCACTGTGTGGCCAACCCATCCTCTACAACCTTCTCAGCCCGAGCTTCCGGGGCCGACT
 GCTGAGCCTTGTGGTCCGTTACCTTCCCAAGGAGCAGGCCAGGGCAGCAGGTGGTCGAGCCTCCTTCT
 TCTTCCACCCAGCACTCCATCATCATTACCAAAGAGGGCAGCCTGCCCGCTGCAGCGGATCTCCACACC
 ACCCCATCCGAAACGTTCAAGCGTCTCTCCGCTCCAAACACCTCACCTACACTCTGCAATTCTGTAGC
 CAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG219454 representing NM_007412
Red=Cloning site Green=Tags(s)

MSVIPSPRPVSTLEPDNDFRDIHNWTELLHLFNQFTFDCHIEFNENTKHVVLFVFLAIFVVGLVENLV
 ICVNCRRSRVGMNLNLYILNMAIADLGIILSLPVWMLVMEYTWLWGSFSCRFIHYFYLVNMYSSIFFL
 TCLSIDRYVTLTNTSPSWQRHQHRIRRAVCAGVWVLSAIIPLPEVVHIQLLDGSEPMCLFLAPFETYSAW
 ALAVALSATILGFLLPFLLIAVFNILTACRLRQRQTESRRHCLLMWAYIVVFAICWLPYQVTMLLLTLH
 GTHIFLHCHLVNLLYFFYEIIDCFMLHCVANPILYNFLSPSFRGRLLSLVVRYPKEQARAAGGRASS
 SSTQHSIIITKEGSLPAAADLHHPIRNVQASSPPPTSPTL CNSVAS

TRTRPLE - GFP Tag - V

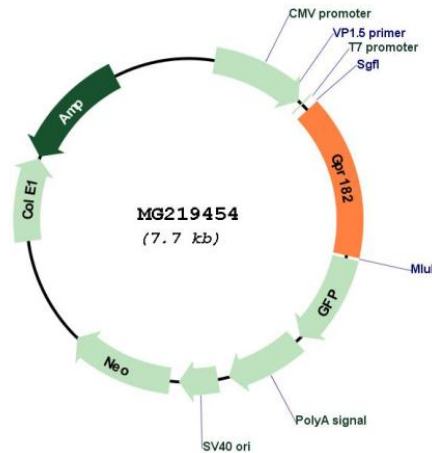
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_007412

ORF Size:	1194 bp
OTI Disclaimer:	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
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_007412.2 , NP_031438.2
RefSeq Size:	1694 bp
RefSeq ORF:	1197 bp
Locus ID:	11536
Cytogenetics:	10 75.07 cM