

Product datasheet for MC212312

Gpr6 (NM_199058) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr6 (NM_199058) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr6
Synonyms:	A1852874; Gm233
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NM_199058.1 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACGCTAGCGCCGCCGCTCAACGAGTCCCAAGTGGTGGCAGTAGCGGCCGAGGGAGCGGCAGCTG
CGGCTACAGCAGAGGGGCACCGGACACCGCGAATGGGACCCAGCAGCATCCGAGCGCTGGGAGG
CGGCGCGGACCTAACGGGTCAGTGGAGCTGTCTTCTCAGCTGCCAGCAGGGCCCTCGGGACTACTGCTT
TCGGCAGTGAATCCCTGGGATGTGCTGCTGTGCGTGTGCGGAAGTGTGATCGCAGGCGAAAATGCGCTGG
TGGTGGCGCTCATCGCTCCACTCCCGCTGCGCACGCCATGTTTGTGCTCGTGGGTAGTCTGGCCAC
TGCTGACCTGTTGGCGGGCTGTGGCCTCATCTTACACTTCGTGTTCCAGTACGTGGTGCCTCGGAGACT
GTGAGCCTGTCTATGGTGGGCTTCTGGTGGCGTCTTTGCCGCCTCAGTCAGCAGCCTGCTTGCTATCA
CAGTGGACCGTTACCTGTCTTTGTACAACGCGCTCACCTACTACTCGCGCCGGACCCTGTTGGGCGTGCA
CCTCTTGCTAGCAGCCACCTGGACAGTGTCCCTCGGGTGGGGTGTGCTGCTGTTCTAGGCTGGAAGTGC
TTGGCCGACCGCACGTCTGCAGCGTGGTGCGCCCCCTGACACGCAGCCATGTGGCGTGGCTCTCTACTT
CCTTCTCGTGGTCTTTGGCATCATGCTGCACTTGTACGTGCGCATCTGCCAGGTGGTCTGGCGCCACGC
CCACCAGATCGCTTTGCAACAGCATTGCCTAGCACCGCCCACTAGCAGCCACCAGAAAGGGAGTGGGA
ACTTTGGCCGTGGTGTAGGCACTTTTGGGCGCAGCTGGCTGCCCTTCGCCATCTATTGTGTGGTGGGTA
GCCAAGAGGACCCGCCATCTACACTTATGCCACCCTGTTGCCTGCCACCTATAACTCCATGATCAATCC
CATCATCTATGCCTTCCGCAACCAGGAGATCCAGCGTGCCTTGTGGCTCCTGTTCTGTGGCTGTTTCCAA
TCCAAAGTGCCCTTCGCTCCAGGTCCCCAGTGAGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1437_a09.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_199058
Insert Size:	1092 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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_199058.1 , NP_951013.1
RefSeq Size:	1092 bp
RefSeq ORF:	1092 bp
Locus ID:	140741
UniProt ID:	Q6YNI2
Cytogenetics:	10 22.08 cM
Gene Summary:	Orphan receptor with constitutive G(s) signaling activity that activate cyclic AMP. Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity).[UniProtKB/Swiss-Prot Function]