

Product datasheet for MC204259

Gpr65 (NM_008152) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr65 (NM_008152) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr65
Synonyms: Dig1; Gpcr25; TDAG8
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011332
 ACAAGGCAAGGTCTCTTTCCCTGCTGACAGCCTAAGAAGTGATGTAAGTCCACTGTGAAGACCATGGCG
 ATGAACAGCATGTGCATTGAAGAGCAGCACCACCTCGAGCACTATTTGTTCCCGTGGTCTACATAATTG
 TGTTTATAGTCAGCGTCCAGCCAACATCGGATCTTTATGCGTATCCTTTCTGCAAGCGAAGAAGGAAAA
 TGAGCTAGGAATTTACCTCTTCAGTCTGTCCCTGTGACAGCCTGTGTATGCGCTGACTCTGCCCTCTGG
 ATCAATTACACTTGAATAAAGACAACCTGGACTTTCTCTCCACTTTGTGCAAAGGAAGCGTTTTCTTCA
 CCTACATGAACTTTTATAGCAGCACAGCGTTTCTCACTTGCATTGCCCTGGACCGCTATTTAGCAGTCGT
 CTACCCTCTGAAGTTTTCTTCCCTAAGAACGAGAAGATTCGCGTTTATTACCAGCCTCTCTATCTGGATA
 TTAGAGTCCTTCTTAACCTATGCTTCTGTGAAAGATGAAACGAGTGTGAATATTGTGACTCGGACA
 AATCTAATTTCACTCTGCTATGACAAATACCCTCTGGAGAAATGGCAGATAAACCTCAACCTGTTTTCG
 GACGTGCATGGGCTACGCAATACCCTTGATCACCATCATGATCTGCAACCATAAAGTCTACCGAGCTGTG
 CGGCACAACCAAGCCACGAAAACAGCGAGAAGAGAAGGATCATAAAGTTGCTTGCTAGCATCACGTTGA
 CTTTCGTCTATGCTTTACCCCTTCCACGTGATGGTGCTCATCCGCTGCGTTTTAGAGCGCGACATGAA
 CGTCAATGACAAGTCTGGATGGCAGACGTTTACGGTGTACAGAGTCACAGTGGCCCTGACGAGTCTAAAC
 TGTGTTGCCGATCCCATTTCTGTACTGCTTTGTGACTGAGACGGGGAGAGCTGATATGTGGAACATATTA
 AATTGTGTACTAGGAAACACAATAGACACCAAGGACAAAAAGGGACATACTTTCTGTGCCACAAGAGA
 TGCTGTAGAATTAGAGATTATAGACTAAGAGGTGGAGGCAGGTTAAGTTACATGGTATTATTTAATGAAA
 CTTACATTTTGGAAAAGAAATCTGGCATAGTAGAACCCAGTGGAAATAGTTTGAAGGTACATTGTATGAC
 TCCTATGTTGGCTTTATTAAGTAAGGTATAGAAATGATTATCTTGTATGTTATTCTGATGACTAGGCATC
 ATGTTTTAGTACCAATTTCTTTGCCTCTATGCTATAACCCCTAAGCAGCACGCGGACTGTTCTGTTT
 TAAATCAGTGGCCATTCTATCTGACTACTATGACTTTTTGTTGTTGTTCTGCTTTGGGTTTTCACTCTGC
 CTGCATCAGTCTTCTCTCTGTATACGCTGTCTTCAACAAATGTAAGGACTAAATACCCTCCCGATCA
 CATCCATTATCAAGGATTTGAAGCCACTCCATGTACTGGGTTATAAAAGAAATGTCTCATGAACTTTCAT
 GAAGTTTACATACCTTTGGGGATCTAGTCACCGAGTCACATAAAGTAAAAGTAAATGGATTTTGATTTTG
 GTCTCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_008152
Insert Size:	1014 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:	BC011332 , AAH11332
RefSeq Size:	1644 bp
RefSeq ORF:	1014 bp
Locus ID:	14744
UniProt ID:	Q61038
Cytogenetics:	12 E
Gene Summary:	Receptor for the glycosphingolipid psychosine (PSY) and several related glycosphingolipids (By similarity). Plays a role in immune response by maintaining lysosome function and supporting phagocytosis-mediated intracellular bacteria clearance (PubMed:27287411). May have a role in activation-induced cell death or differentiation of T-cells (PubMed:8599842). [UniProtKB/Swiss-Prot Function]