

Product datasheet for MC211982

Gpr45 (NM_053107) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr45 (NM_053107) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr45
Synonyms: 9230112G11Rik; AW046772
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211982 representing NM_053107
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCCTGTAAACAGCACACCCATGGGGACTTACGAACATCTGCTGCTGAATGTGAGCAACACTTTGGACC
CTGGGGACACCCACTGTCTGCACCGCTCAGGATCTCGCTGGCAATAATGATGCTGCTGATGATCGTGGT
AGGATTCCTTGGCAACACGGTGGTCTGCATCATCGTGTACCAGAGGCCAGCCATGCGTTACGCTATCAAC
CTGCTGCTGGCCACCTTGGCCTTCTCCGACATCATGCTGTCTTTATGCTGCATGCCATTCACGGCCATCA
CCCTCATCACTGTTCTGCTGGCATTTCGGGGACCACTTTTGTCCGGCTTTCAGCTACTCTCTATTGGTTTTT
TGTCTAGAGGGCGTGGCCATCCTGCTCATCATTAGCGTGGACCGGTTTCTCATCATCGTGCAGCGTCAG
GACAAGCTGAACCCACGCAGGGCTAAGATGATCATCGCGGCCCTCGGGTGTCTTTCTGCATCTCTG
CGCCCTCCTTCACTGGCTGGACGTTTATGGAGGTGCTGCTCGAGCCCCACAGTGCCTGCTAGGCTACAC
TGAGTTCACAGCTGAACGCGCTATGTAGTGACACTGGTGGCAGTGTCTTTGCTCCCTTCGGCGTC
ATGTTGTGCTCCTATCTGTGCATCCTCAATACGGTGCAGGAAAGCAGTGTCCGTGTGCACAACAGTCGG
ACAGCCTGGACCTCAGACAGCTGACCGGAGCTGGCCTGAGACGCTCTCAGACGGCAGCAGCAGGCCAG
CCTGGACCTGAGTTTCAAACCAAGGCCTTACCACCATCCTCATCCTCTTCGTGGGCTTTTCACTCTGC
TGGCTGCCACACTCAGTCTACAGCCTGCTGCTGCGTTACAGCGCGGTTCTATTACAGCGCCTCCTTCT
ACACCACCAGCACATGCGTCTGTGGCTCAGTTACCTCAAGTCTGTTTTCAACCCATCGTCTACTGCTG
GAGGATCAAGAAATTCGCGAGGCCTGCATAGAGTTGCTTCCCCACACTTCCAATCCTCCCTAAAGTG
CCTGAGCGGATCCAGAGGAAAATCCAGCCAAGCACCATCTATGTGTGCAACGAAAACCAATCCGCTGTCT
AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053107
Insert Size:	1122 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:	<u>NM_053107.4</u> , <u>NP_444337.3</u>
RefSeq Size:	3860 bp
RefSeq ORF:	1122 bp
Locus ID:	93690
UniProt ID:	<u>Q9EQQ4</u>
Cytogenetics:	1 B
Gene Summary:	Orphan receptor. May play a role in brain function.[UniProtKB/Swiss-Prot Function]