

Product datasheet for **RN209645**

Gpr45 (NM_001106906) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpr45 (NM_001106906) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gpr45
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN209645 representing NM_001106906
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTGTAACAGCACGCCCATCGGGACGTACCAACATCTGCTGCTGAACGCGAGCAACACTCTGGACC
 CTGGGGCCACCCCACTGTCCGCACCGCTCAGGATTTTCGCTGGCAATAATGATGCTGCTGATGATTGTGGT
 AGGATTCCTCGGCAACACGGTGGTCTGCATCATCGTGTACCAGAGGCCAGCCATGCGATCAGCCATCAAC
 TTA CTGCTGGCCACCCTGGCCTTCTCCGACATCATGCTGTCTTATGCTGCATGCCTTTCACCGCCATCA
 CCCTCGTCACTGTTTCGATGGCACTTCGGGGACCCTTTTGTTCGGCTTTCAGCTACTCTATTGGTTTTT
 TGTCTGGAGGGCGTGGCCATCCTGCTTATCATTAGTGTGGACCGATTTCTCATCATCGTGCAGCGTCAG
 GACAAGCTGAACCCACGCAGAGCTAAGGTGATCATCGCGCCTCCTGGGTGCTGTCTTTCTGCATCTCTG
 CGCCCTCATTCACTGGCTGGACGTTTCATGGAGGTGCCTGCTCGGGCCCCACAGTGCCTGCTGGGCTACAC
 TGAGTTCCAGCTGAACGTGCCTATGTGGTGACACTGGTGGTGGCAGTTTTCTTTGCGCCTTTTCGGCGTC
 ATGCTGTGCTCCTATCTGTGCATCCTCAATACGGTGCAGGAAGATGCTGTCCGTGTGCACAACAGTCGG
 ACAGCCTGGACCTCAGACATCTGTGGGGGCTGGCCTGAGACGTCTTCGGCGGCAGCAGCAGCAGGCCAG
 CCTGGACCTGAGCTTCAAACCAAGGCCTTACCACCATCCTCATCTCTTCGTGGGCTTTTCGCTCTGC
 TGGCTGCCGATTTCGGTCTACAGCCTGCTGTCTCGGTTTCAGCCGGCGGTTCTATTACAGCGCCTCCTTCT
 ACACCACCAGCAGTGCCTGCTGTGGCTCAGTTACCTCAAGTCTGTCTTCAACCCATCGTCTACTGCTG
 GAGGATCAAAAAATTCGCGAGGCTGCATAGAGTTGCTTCCCCAAACCTTCAAATCCTCCCTAAAGTG
 CCTGAGCGGATCCAGAGGAAAATCCAGCCAAGCACCGTCTATGTGTGCAACGAAAACCAATCCACTGTCT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_001106906
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_001106906.1</u> , <u>NP_001100376.1</u>
RefSeq Size:	3470 bp
RefSeq ORF:	1122 bp
Locus ID:	301372
Cytogenetics:	9q22