

Product datasheet for RN216516

Gpr132 (NM_001170595) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpr132 (NM_001170595) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gpr132
 Synonyms: G2a
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN216516 representing NM_001170595
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGTCAGAACCACCAATGCAACAGGAAATGCCACGGCGGTACCTCTACTCTTCAGACTACCTCGG
 TCCCCACGAGCTGCCACACGTTGTCTACGAGGAGAGCAGAGTGGTCTGGTGGCGGTGTACAGCGTGGT
 GTGCATGTGGGCTACCGGCAACTGCCTAACTGCCTGGCTGACTGTGCAAGTCTACAGAGAAAC
 GTGCTCGCCGTCTACCTGTTCTGTCTGTCCCTCTGTGAGCTGCTGTACATCAGCACCATGCCTCTGTGGA
 TCAATTTACATCCAGAATCAGCACAAATGGAGCCTGGGTGACGAGGCTGCAAAGTGACAGCTTACATCTT
 CTTCTGCAACATCTACACCAGCATCCTCTTGTCTGTCTGTCATTTCTGCGACCGCTACATGGCCGTGGTC
 TACGCACTGGAGAGCCGAGGTACCCGGCACCAGAGGACTGCTGTCAACATTTTCGGCATGTGTGGTTATTC
 TTGTTGGGCTTGTCAACTATCCAGTGTTTGACATGAAAGTGGAGGACAGCTTCTGCTTTGAGCCCTGGG
 GATCGACAGTAGGATAGCCGGCTACTACTACCTGCGGTTCACTTTTGGCTTTGCCGTCCCTCTCGGCGTC
 CTTGCC TTCACCAATCACCAGATCTTCCGGAGCATCAAGCTCAGTGATAGCCTGAGCGCTGCCAGAAAA
 ACAAGGTGAAGCGCTCCGCCATTGCAGTGTCAACATCTTCTGGTCTGCTTTGCTCCCTACCACGTGG
 GCTCCTCATCAAAGCCGACGCTTTTCTTCTACGAAGGAGACCGGGATGCGGTGTGTACTTCGAAAAAC
 AGGCTGTACACGGTCTCTACAGTGTCTGTGCCTGTGCGAGGTCAACAGTGTGGCTGACCCCATCATCT
 ACGTGCTGGCTACAGACATTCTCGGCAAGAAGTGTGCAGGATCCACACGGGGTGAAGAAGTGGTCCAC
 GAAGACAGATGTACCTACTTGAAGGACTCTGAGGAGACGCACTACCCACAGCGCTTATGAACGCATAC
 ACCTTCCCAGTACTGTGCACCTCCAGGCTCACAGCCAGTGGAGCTAGGGTCACTGGGCTCTGCCGGAG
 AGACTGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001170595
Insert Size:	1131 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001170595.1</u> , <u>NP_001164066.1</u>
RefSeq Size:	2402 bp
RefSeq ORF:	1131 bp
Locus ID:	314480
Cytogenetics:	6q32