

Product datasheet for RN207300

Gpr20 (NM_022216) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpr20 (NM_022216) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gpr20
 Synonyms: Gpcr5-1; P2Y4
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN207300 representing NM_022216
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCATGCCCTCTGCGTTGTCTTCGAGGCCCTGGGATGCTGTGTTCCCAATACCACTACAGCAGCAT
 GGACCAATGGAAGTGTGCCAGAGACTCCCCTGTTCTACCTATTCGCCCGGCTGGATGAGGAACCTCATGC
 CACCTTCCCAGCCTGTGGCTGGCACTAATGGTCGTGCATGGCACCATCTCCTTGCCGGCTGTTCCTC
 AATGGACTGGCGCTGTAGTCTTCTGCTGCCGACGCGGCAAGACACCTTCAGTCACCATATCCATCA
 ACCTGGTGGTGACTIONGACCTGCTGGTGGCCTGTCCCTGCCACACGCTTTGCAGTCTTCTACGGTGGCCG
 CGGCTGCCTACACTGTGCCTTCCCTCACGTCTGGGCTACTTCCCTCAACATGCACTGTTCTATCCTCTTC
 CTCACCTGCATCTGTGTGGACCGCTACCTGGCCATTGTGCAACCTGAGGGCTCCCATCGCTGGCGCCAGC
 CGGCTGCGCCAAGGCTGTGTGCGTCTTGTGTGGCTGGCAGCGGGAGTCGTGACCCTGTCTGTATTGGG
 TGTGAAGACTGGTGGACGGTCACTGCTGCCGGTCTTGTCTGACCGTCTGGAGTTCCTGCTGCCGCTA
 CTGGTCATCAGCGTGTTCACAGGCCGATCATGTGTGCACTGTCGAGGCCAGGCCCTCGTACGCCAGGGTC
 GTCAGCGGCGCATGAGGGCCATGCAGCTGCTGCTCACGGTGTGGTCTTCTGGTCTGTTTTCACACC
 CTCCATGCCCGCCAGGTGACTGTGGCACTGTGGCCCAATGTGCCTTACCATACCAGCCTTGTGGCTTAC
 CATGTGGCCGTCACCCTCAGCAGCCTCAACAGCTGCATGGACCCCATCGTCTACTGTTTTATCACCAGTG
 GTTCCAGGCCACTGTCCAAGGCCTCTTCTACCAGCGTGGAGAAGAATTCAAGCCCAGCACTATGGATAT
 GGTGAGCATGCACAAGAGCACCAAGGGCTCAGCCCCATTACATCCTCAGCACCGGTTCTCACACCCTCA
 CCCAGCCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_022216



Insert Size:	1062 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_022216.1, NP_071552.1</u>
RefSeq Size:	1062 bp
RefSeq ORF:	1062 bp
Locus ID:	60667
Cytogenetics:	7q34
Gene Summary:	a nucleotide receptor and may be a homolog of the human pyrimidinoceptor [RGD, Feb 2006]