

Product datasheet for **RN209309**

Npy4r (NM_031581) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Npy4r (NM_031581) Rat Untagged Clone
Tag: Tag Free
Symbol: Npy4r
Synonyms: Ppyr1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209309 representing NM_031581
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATACCTCTCATCTCATGGCCTCCCTTTCTCCGGCATTCTACAAGGTAAGAATGGGACCAACTCAC
TGGATTCCTCTATAATCTCTGACGGCTGCCAGGATTCGGCAGATCTGTTGGCCTTCATCATCACCAC
CTACAGCGTTGAGACCGTCTTGGGGTCTAGGAAACCTCTGCTTGATATTTGTGACCACAAGGCAAAG
GAAAAGTCCAATGTGACCAACCTACTCATTGCCAACCTGGCCTTCTGACTTCCTCATGTGTCTCATCT
GCCAGCCGCTCACGGTCACCTACCCATCATGGACTACTGGATCTTCGGCGAAGTCCCTTGAAGATGTT
AACGTTATCCAGTGTATGTCGGTGACAGTCTCCATCCTCTCACTGGTCCTTGTGGCCCTGGAGAGGCAC
CAGCTCATTATCAACCCGACTGGCTGGAACCCAGCATTCCCAGGCCTACCTGGGGATTGTGGTCATCT
GGTTCATTTCTTGTTCCTCTCCTTGCCCTTCTGGCCAATAGCATCCTGAACGACCTCTCCACTACAA
CCACTCTAAGGTTGTGGAGTTTCTGGAAGACAAGGTTGTCTGCTTGTGTCTGGTCTCGGATCACCAC
CGCCTCATCTACACCACCTTTCTGCTGCTTCCAATACTGCGTCCCTCTGGCCTTCATCCTGGTCTGCT
ACATGCGTATCTACCAGCGCTGCAGAGGCAGAGGCGTCCACACGCACACTTGCAGCTCAGGAT
GGGGCAGATGAAGCGGATCAATGGCATGCTCATGGCAATGGTGACTGCCTTGGCAGTTCTCTGGCTGCC
CTGCATGTGTTCAACACTCTGGAGGACTGGTACCAGGAAGCCATCCCTGCTTGCATGGCAACCTCATCT
TCTTGATGTGCCACCTGTTGCCATGGCTTCCACCTGTGTCAACCCTTTCATCTATGGCTTCTCAACAT
CAACTTCAAGAAGGACATCAAGGCTCTGGTTCTGACCTGCCGTTGCAGGCCACCTCAAGGGAGCCTGAG
CCTCTGCCCTGTCCACTGTGCACACGGACCTCTCAAGGGATCTATGAGGATGGGTAGCAAGTCTAACG
TCATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_031581
Insert Size:	1128 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_031581.2</u> , <u>NP_113769.1</u>
RefSeq Size:	1257 bp
RefSeq ORF:	1128 bp
Locus ID:	29471
UniProt ID:	<u>Q63447</u>
Cytogenetics:	16p15
Gene Summary:	high affinity receptor for pancreatic polypeptide that inhibits gall bladder contraction, gut motility, and pancreatic secretion [RGD, Feb 2006]