

Product datasheet for RN201673

Pyy (NM_001034080) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pyy (NM_001034080) Rat Untagged Clone
Tag: Tag Free
Symbol: Pyy
Synonyms: GHYY; peptide-YY; RATGHYY; Yy
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201673 representing NM_001034080
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGCGGTACGCAGGCCTTGCCCGTTATGGTCGCAATGCTGCTTGTCTGCTCGCTCGCTGGGAG
CGCTGGTGGACGCCTACCCCGCTAAACCAGAGGCTCCGGGCGAAGATGCCTCCCCGAGGAGCTGAGCCG
CTACTATGCTTCCCTGCGCCACTACCTCAACCTGGTCACCGGCAGCGGTATGGGAAAAGAGAAGTCCCC
GCAGCTCTGTTCTCCAACTGCTCTTCACAGACGACAGCGAGAATCTCCCCTTCAGGTCTCGGCCAGAAG
GTGTGGACCAGTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001034080

Insert Size: 297 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).



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Reconstitution Method:

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: [NM_001034080.1](#), [NP_001029252.1](#)

RefSeq Size: 535 bp

RefSeq ORF: 297 bp

Locus ID: 287730

UniProt ID: [P10631](#)

Cytogenetics: 10q32.1

Gene Summary: plays a role in regulation of intestinal motility and response to dietary fat intake [RGD, Feb 2006]