

Product datasheet for MC201072

Pyy (NM_145435) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Pyy (NM_145435) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Pyy |
| Synonyms: | MGC19143 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >BC010821 sequence for NM_145435 CCTCCTGCTCATCTTGCTTCGGAAGCTGTAGCTGCTATGGTGGCGGTGCGCAGGCCCTGGCCCGTCACGG TCGCAATGCTGCTAATCCTGCTCGCCTGTCTGGGAGCCCTGGTGGACGCCCTACCCTGCCAAACCAGAGGC TCCCGGCGAAGACGCCTCCCGGAGGAGCTGAGCCGCTACTACGCTCCCTGCGCCACTACTCAACCTG GTCAACCCGGCAGCGGTATGGAAAAAGAGATGTCCCGCAGCTCTGTTCTCCAAACTGCTCTTCACAGACG ACAGCGACAGCGAGAACCCTCCCTTCAGGCCAGAAGGTTTGGACCAAGTGGTGAAGACTCCCCAAGGCCCT CCTGCGAGATGTGTTAACTACACCGACTTCACTTGCATGTTTGGTTAAGAAGAGGGCACTTCATATCTC GGTGTCTCGGACCCAGACTGGAGGGCTGTGTGTGTTTCATTTCCCTGTCCTAAATAAAAAAGCAAATTT CGCACAAAAAAAAAAAAAAAAA |
| Restriction Sites: | RsrII-NotI |
| ACCN: | NM_145435 |
| 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: [BC010821](#), [AAH10821](#)

RefSeq Size: 511 bp

RefSeq ORF: 297 bp

Locus ID: 217212

UniProt ID: [Q9EPS2](#)

Cytogenetics: 11 D

Gene Summary: This gut peptide inhibits exocrine pancreatic secretion, has a vasoconstrictory action and inhibits jejunal and colonic mobility.[UniProtKB/Swiss-Prot Function]