

Product datasheet for **MC226700**

Npy2r (NM_001205099) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Npy2r (NM_001205099) Mouse Untagged Clone
Tag: Tag Free
Symbol: Npy2r
Synonyms: NPY2-R
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC226700 representing NM_001205099
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCCCGGTAGGTGCAGAGGCAGATGAGAATCAAAGTGTAGAAGTGAAAGTGGAGCCCTATGGGCCAG
GGCACACTACTCCTAGAGTCATTGCTCTGGACCGCCATCGTTGCATTGTCTACCACCTGGAGAGCAAGAT
CTCCAAGCGAATCAGCTTCTGATCATTGGCCTGGCCTGGGGCATCAGCGCTCTGCTGGCAAGTCCACTG
GCCATCTCCGGGAATACTCCCTGATTGAGATCATTCTGACTTTGAGATTGTGGCCTGTACCGAGAAGT
GGCCTGGGAAGAGAAGAGTGTGTATGGTACAGTCTACAGCCTTCCACCCTGCTCATCCTGTACGTTTT
GCCTCTGGGCATCATATCTTTCTCTACACCCGTATCTGGAGTAAGCTGAGGAACCACGTGAGTCCCTGGA
GCTGCAAGTGACCATTACCATCAGCGAAGGCACAAAATGACCAAAATGCTGGTGTGCGTGGTAGTGGTGT
TTGCAGTCAGCTGGCTACCCCTCCACGCTTCCAAGTCTGTTGGACATCGACAGCCACGTCTGGACCT
GAAGGAGTACAACTCATCTTCCCGTGTTCACATTATCGCCATGTGCTCCACCTTTGCCAACCCCTT
CTCTATGGTTGGATGAATAGCAACTACAGAAAAGCTTCTCTCGGCCTCCGCTGTGAGCAGAGGTTGG
ATGCCATTCACCTCGGAGGTGTCTATGACCTTCAAGGCTAAAAGAACCTGGAAGTCAAAAAGAACAATGG
CCCCACTGACTCTTTTTCGGAGGCTACCAATGT**GTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001205099
Insert Size: 807 bp



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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_001205099.1, NP_001192028.1</u>
RefSeq Size:	3022 bp
RefSeq ORF:	807 bp
Locus ID:	18167
Cytogenetics:	3 36.49 cM
Gene Summary:	<p>Receptor for neuropeptide Y and peptide YY.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an internal segment in the 3' CDS, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>