

Product datasheet for MC209055

Npy6r (NM_010935) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Npy6r (NM_010935) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Npy6r
Synonyms:	MGC124158
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209055 representing NM_010935 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGAAGTGCTCACAAACCAGCCAACACCTAATAAAACCAGTGGCAAGAGCAACAACCTCGGCATTTTCT
ACTTTGAATCCTGCCAACCCCTTTCTAGCCATACTCTTGCTACTCATAGCATATACTGTGATCCTAAT
CATGGGCATTTTGGAAACCTCTCTTATCATCATCATCTTTAAGAAACAGAGAGAAGCTCAAAATGTT
ACCAACATACTGATTGCCAACCTGTCCCTCTCTGACATCTTGGTGTGTGCATGTGCATCCCTTTTACGG
TCATCTACACTCTGATGGACCACTGGGTATTTGGGAACACTATGTGTAACTCACTTCTACGTGCAAAG
TGTCTCAGTTTCTGTGTCCATATTCTCCCTTGTGTTGATTGCTATTGAACGATATCAGCTGATTGTGAAC
CCCCGTGGCTGGAACCCAGAGTAGCTCATGCCTATTGGGGGATCATCTTGATTGGCTCATTTCTCTGA
CATTGTCTATTCCTTATTCTGTCTCTACCACTCACCAATGAGCCCTTTCATAATCTCTCTCTCCCTAC
TGACATCTACACCCACCAGGTAGCTTGTGTGGAGATTTGGCCTTCTAACTGAACCAACTCCTCTTTTCT
ACATCATTATTTATGCTCCAGTATTTGTCCCTCTGGGTTTCATTCTTATCTGCTACCTGAAGATCGTTC
TCTGCCTCCGAAAAGAAGTGGCAGGTGGACAGGAGAAAGGAAAATAAGAGCCGTCTCAATGAGAACAA
GAGGGTAAATGTGATGTTGATTTCATCGTAGTGACTTTTGGAGCCTGCTGGTTGCCCTTGAACATTTTC
AATGTCATCTTCGACTGGTATCATGAGATGCTGATGAGCTGCCACCACGACCTGGTATTTGTAGTTTGCC
ACTTGATTGCTATGGTTTCTACTTGCATAAATCCTCTCTTTTATGGATTCTCAACAAAACTTCCAGAA
GGATCTAATGATGCTTATTCACCACTGTTGGTGTGGTGAACCTCAGGAAAGTTATGAAAATATTGCCATG
TCTACTATGCACACAGATGAATCCAAGGGATCATTAAACTGGCTCACATACCAACAGGCATATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_010935
Insert Size:	1116 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC103621 , AAI03622
RefSeq Size:	1507 bp
RefSeq ORF:	1116 bp
Locus ID:	18169
UniProt ID:	Q61212
Cytogenetics:	18 23.74 cM
Gene Summary:	Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is NPY = PYY >= NPY (2-36) = [Leu-31, Pro-34] NPY > NPY (13-36) > PP. The activity of this receptor is mediated by G proteins that inhibits adenylate cyclase activity. [UniProtKB/Swiss-Prot Function]