

Product datasheet for MC209222

Npy4r (NM_008919) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Npy4r (NM_008919) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Npy4r
Synonyms:	NYYR-D; Ppyr1; Y4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209222 representing NM_008919 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATACCTCTCATTCTTGGCCCTCTCTCCAGGATCCCTACAGGGTAAGAATGGGACCAATCCAT
TGGATCCCCCTATAATTTCTCTGATGGCTGCCAGGATTCGGCAGAGCTGTTGGCCTTCATCATACCAC
CTACAGCATTGAGACCATCTGGGGTCTGGGAAACCTCTGCTTGATATTTGTGACCACAAGACAAAAG
GAAAAGTCCAATGTGACCAACCTACTCATTGCCAACCTGGCCTTCTGACTTCCTCATGTGCCTCATCT
GCCAACCACTCACAGTCACCTACACCATCATGGATTACTGGATCTTTGGTGAAGTCTTTGCAAGATGTT
AACTTTCATCCAGTGTATGTCAGTGACAGTCTCCATCCTCTCACTGGTCCTTGTGGCCCTGGAGAGGCAC
CAGCTCATTATCAATCCAACAGGCTGGAACCCAGTATTTCCAGGCCTACCTGGGGATTGTGGTCATCT
GGTTTCGCTCTTGTTCCTTTCCCTTGGCCCTTCTGGCCAAACAGCACCCCTGAATGACCTCTTCCACTACAA
CCTACTAAGGTTGTAGAGTTTCTGGAAGACAAGGTCGCTGCTTGTGTCCTGGTCTTCAGATCACCAC
CGTCTCATCTATACCACTTTTCTGCTGCTTTTCCAGTACTGCATCCCTTAGCCTTCATCCTGGTCTGCT
ACATACGCATCTACCAGCGCCTGCAGAGGCAGAAGCATGTGTTCCATGCGCACGCTTGCAGCTCACGAGC
GGGACAGATGAAGCGGATCAACAGCATGCTCATGACAATGGTACTGCCTTTGCAGTTCTCTGGCTACCC
CTGCATGTGTTCAACACTCTGGAGGACTGGTACCAGGAAGCCATCCCTGCTTGGCCATGGCAACCTCATCT
TCTTGATGTGCCACCTGTTGGCCATGGCTTCCACCTGTGTCAACCTTTTCATCTATGGCTTCTCAACAT
CAACTTCAAGAAGGATATCAAGGCTCTGGTCTGACCTGCCATTGCAGGTCACCTCGAGGGGAGTCTGAG
CATCTGCCCTGTCCACTGTTCCACGACCTATCCAAGGATCGATGAGGATGGGTAGCAAGTCTAACT
TCATATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja3798_b02.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_008919
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:	NM_008919.4 , NP_032945.3
RefSeq Size:	1903 bp
RefSeq ORF:	1128 bp
Locus ID:	19065
UniProt ID:	Q61041
Cytogenetics:	14 20.8 cM
Gene Summary:	Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PP >> PYY >= NPY.[UniProtKB/Swiss-Prot Function]