

Product datasheet for **RN215430**

Npy1r (NM_001113357) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Npy1r (NM_001113357) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Npy1r
Synonyms:	NPY-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215430 representing NM_001113357 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATCAACTCTGTTCTCCAGGGTTGAAAATTACTCAGTTCATAATGTCTCAGAGAATTCTCCAT
TTCTGGCCTTTGAGAATGATGACTGCCACCTGCCCTTGGCTGTGATTCACCTTAGCTCTTGCTTATGG
GGCTGTGATTATCTTGGGGTCTCTGGAACTGGCATTGATCATAATCATCCTAAAACAGAAAGAGATG
AGGAATGTACCAACATTCTGATCGTGAACCTCTCCTTCTCAGACTTGCTGGTTCGACGTCATGTGTCTCC
CGTTCACCTTTGTGTACACTGATGGACCACTGGGTCTTCGGGGAGACCATGTGCAAACTGAATCCTTT
TGTGCAATGCGTCTCCATTACAGTATCCATTTCTCTCTGTTTCTCATCGCTGTGGAACGTCATCAGCTA
ATCATCAACCAAGAGGGTGGAGACCAACAATAGACATGCTTACATAGGCATTACTGTCAATTTGGGTAC
TGGCGGTGGCTTCTCTCGCCCTTCGTGATCTATCAAATTTGACTGATGAGCCCTTCCAAAATGTATC
ACTTGGCGGTTCAAGGACAAGTATGTATGTTTTGACAAATCCCGTCAGACTCTCACAGGCTGTCTTAC
ACGACTCTTCTTGGTGTGTCAGTATTTGGCCCACTCTGTTTCATATTCATATGCTACTTCAAGATAT
ACGTTTCGCTTAAAAGGAGAAAACAATGATGGACAAAATCAGGGACAGTAAGTACAGGTCCAGTGAGAC
CAAACGAATCAACGTCATGCTGCTCTCCATCGTGGTTCGCTTTCGGGTCTGCTGGCTGCCCTTACCATC
TTCAACTGTGTTGACTGGAATCACCAGATCATTGCCACCTGCAACCAACAATCTGCTGTTCTGCTCT
GCCACCTCAGGCCATGATCTCCACCTGCGTCAACCCATCTTTTATGGATTCTGAACAAAATTTCCA
GAGAGACTTGCAGTTCTTCTTCAACTTTTGTGACTTCCGGTCTCGAGACGACGACTACGAGACTATAGCC
ATGTCTACCATGCATACGGACGTGTCCAAGACTCTTTGAAGCAGGCAAGCCCGTTGCATTTAAAAAAA
TCAGTATGAATGACAATGAAAAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1583_g05.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001113357
Insert Size:	1149 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_001113357.1 , NP_001106828.1
RefSeq Size:	2618 bp
RefSeq ORF:	1149 bp
Locus ID:	29358
Cytogenetics:	16p14
Gene Summary:	G protein-coupled receptor for neuropeptide Y and peptide YY [RGD, Feb 2006]