

## Product datasheet for **RR207884**

### Npy2r (NM\_023968) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Npy2r (NM_023968) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Npy2r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR207884 representing NM_023968 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGCCATTAGGTGCAGAGGCAGATGAGAATCAAAGTGTAGAAGTAAAGTGGAACTCTATGGGTCGG  
GGCCACCCTCCTAGAGGTGAGTTGCCCTGATCCAGAGCCGGAGCTCATAGACAGCACCAAAGTGGT  
TGAGGTGCAGGTGGTCTTATACTGGCCTATTGTTCCATCATCTTGCTGGGCGTAGTTGGCAACTCTCTG  
GTAATCCATGTGGTGTCAAATCAAGAGCATGCGCACAGTAACCAACTTTTTATTGCCAACCTGGCTG  
TGGCGGATCTTTGGTGAACACCCTGTGCCTGCCATTCACTTACCTATACCTTGATGGGGAGTGGAA  
AATGGGTCCAGTTTTGTGCCATTTGGTGCCTATGCCAGGGTCTGGCAGTACAAGTGTCCACAATAACT  
TTGACAGTCATTGCTTTGGACCGACATCGTTGCATTGTCTACCACCTGGAGAGCAAGATCTCCAAGCAAA  
TCAGCTTCTGATTATTGGCCTGGCGTGGGGTGTGAGCGCTCTGCTGGCAAGTCCCTTGCCATCTCCG  
GGAGTACTCACTGATTGAGATTATCTGACTTTGAGATTGTAGCCTGTACTGAGAAATGGCCGGGGAG  
GAGAAGAGTGTGTACGGTACAGTCTACAGCCTTCCACCCTGCTAATCCTCTACGTTTTGCCTCTGGGCA  
TCATATCTTCTCCTACACCCGGATCTGGAGTAAGCTAAAGAACCAGTTAGTCTGGAGCTGCAAGTGA  
CCATTACCATCAGCGAAGGCACAAAACGACAAAATGCTCGTGTGCGTGGTAGTGGTGTTCGAGTCAGC  
TGCTGCCCTCCATGCCTTCCAACCTGCTGTGGACATCGACAGCCATGTCTGGACCTGAAGGAGTACA  
AACTCATCTTACCGTGTTCACATTATTGCGATGTGCTCCACCTTCGCCAACCCCTTCTCTATGGCTG  
GATGAACAGCAACTACAGAAAAGCTTCTCTCAGCCTTCCGCTGTGAGCAGAGGTTGGATGCCATTAC  
TCGGAGGTGTCCATGACCTTCAAGGCTAAAAGAACCTGGAAGTCAAAAAGAACAATGGCCTCACTGACT  
CTTTTTAGAGGCCACCAACGTG

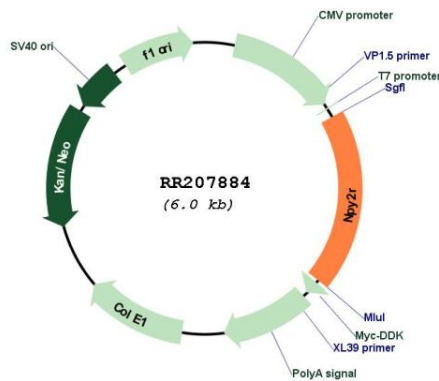
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)



<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_023968.1</a></u> , <u><a href="#">NP_076458.1</a></u>
<b>RefSeq Size:</b>	1147 bp
<b>RefSeq ORF:</b>	1146 bp
<b>Locus ID:</b>	66024
<b>Cytogenetics:</b>	2q34
<b>MW:</b>	43 kDa
<b>Gene Summary:</b>	plays a role in inhibition of fluid secretion in small intestine epithelial crypt cells; mediates inhibition of cAMP production [RGD, Feb 2006]

**Product images:**


Circular map for RR207884