

Product datasheet for **MC216856**

Nptxr (NM_030689) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nptxr (NM_030689) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nptxr
Synonyms:	1200009K17Rik; 1700036C17Rik; 5730406O18Rik; AI452369; AI785356; D15Bwg0580e; NP; Npcd; NPR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216856 representing NM_030689
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

CTGAAGTTCCTGGCCGTGCTGCTGGCCGCGGGCATGCTGGCGTTCCTCGGTGCCGTATCTGCATCATCG
 CCAGCGTGCCCTGGCGGCCAGCCCGCTCGCGGCTGCCGGCGGCACCGACAACGCCTCGGCCGCTC
 GGCCGCCGGTGGCTCGGGTCCGCAGCGCAGCCTGAGCGCCTGCACAGCGCAGGCGGCTCGGCCGGGCC
 TCGGTGTTGCCCGGGGAGCCCGCGGCCAGCGTCTTCCCGCCGCCCGCTGCCGCTGCTCAGTCGTTCC
 TCTGTACGCCGCTGGCCCGCCTGCCGTCGGGGCCGAGCAGGGGGACCGGCCAGGCGAGCGCGAGA
 GCTGTTGCTGCTGCAGAGCACCGCGGAGCAGCTGCGCCAGACGGCGTGCAGCAGGAGGCGCGCATCCGC
 GCAGACCGGGACACCATCCGCGAGCTCACCGCAAGCTGGGCCGCTGTGAGAGCGGCTGCCGCGGGCC
 TCCAGGACGCCGGCCCCGCCGACACCATGGCCGACGGCGCTGGGACTCACCTGCGTGTCTGTGGA
 GCTGGAGGACCGGTGCGCGCTGCGAGACCGCATCGAGCGCATCGAGCAGGAGCTCCCAGCCCGTGGG
 AACATCTCCTCGGCGCCAGCTCCAGCCATGCCACCGCCCTGACTCCAAGATGGACGAAGTGAAGGCC
 AGCTGCTGGCCAAGGTGCTGGCGTGGAGAAGGAGCGAGCCGCCCTCAGTCACGGGAGCCACCAGCAACG
 ACAGGAAGTGGAGAAGGAGCTGAATGCCCTGCAGGGTCCGCTGGCCGAGCTGGAGCACGGGTCTCGGCC
 TACAGTCCCCCTGATGCCTTCAAGGTCAGCATCCCCATCCGCAACAACACTACATGTACGCCCGCTGCGCA
 AGGCGTGCCTGGAACCTACGCCCTTCACTGCCTGCATGTGGTGCCTCCAGGTCAGGTGGTCCGGCCA
 GGGACCCCTTCTCCTACTCGGTGCCCGGCAGGCCAATGAGATCGTGCTTCTGGAGCCGGCCTTGAG
 CCAATGGAGCTGCTGATCAACGACAAGGTGGCCAGCTGCCCTGAGCCTGAAAGACAGCAACTGGCACC
 ATATCTGCATCTCCTGGACTACAAGGGATGGCTGTGGTCTGCATACCAGGACGGAGAAGTGGGGTTC
 TGGCGAGAACCCTAGCAGCTGGCACCCCATCAAGCCACACGGCATCCTTATCCTGGGCCAAGAGCAGGAT
 ACCTTGGGAGGCCGATTTGACGCCACACAGGCCTTCGTTGGTGACATTGCACAGTTCAACCTGTGGGACC
 ACGCTCTGACACCGGCCAGGTGCTGGGCATGGCCAACCTGCACCGGGCCACTGATGGGCAATGTCCTCCC
 CTGGGAAGATAAGCTGGTAGAGGCCTTTGGAGGTGCGAAGAAGGCCGCTTTGATGTGTGCAAGGGGAGG
 GCAAAGGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_030689
- Insert Size:** 1482 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.

RefSeq: [NM_030689.4](#), [NP_109614.2](#)

RefSeq Size: 4973 bp

RefSeq ORF: 1482 bp

Locus ID: 73340

Cytogenetics: 15 37.85 cM

Gene Summary: This gene encodes a protein similar to the rat neuronal pentraxin receptor. The rat pentraxin receptor is an integral membrane protein that is thought to mediate neuronal uptake of the snake venom toxin, taipoxin, and its transport into the synapses. Studies in rat indicate that translation of this mRNA initiates at a non-AUG (CUG) codon. This may also be true for mouse and human, based on strong sequence conservation amongst these species. [provided by RefSeq, Jul 2008]