

Product datasheet for **SC313744**

NPTXR (NM_014293) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPTXR (NM_014293) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPTXR
Synonyms:	NPR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_014293 edited
 GTACAAAAAGCAGAAGGGCCGTCAAGGCCACCCTGAAGTTCCTGGCCGTGCTGCTGGC
 CGCGGGCATGCTGGCGTTCCTCGGTGCCGTATCTGCATCATCGCCAGCGTGCCCTGGC
 GGCCAGCCCGGCGGGCGCTGCCCGGGCGCCGACAATGCTTCGGTCGCTCGGGCGC
 CGCCGCGTCCCCGGGCCCGCAGCGGAGCCTGAGCGCGCTGCACGGCGGGCGGTTTACG
 CGGGCCCCCGCTGCCCGGGCACCCCGGCCAGCGCGCACCCGCTGCCGCCGGGCC
 CCTGTTACGCCGTTTCTGTGCACGCCGTGGCTGCTGCCTGCCGTCGGGGGCCAGCA
 GGGGACCGGGCGGCGCTGCGCCGGGCGAGCGGAAGAGCTGCTGCTGCAGAGCAC
 GGCCGAGCAGCTGCGCCAGCGCGCTGCAGCAGGAGGCGCATCCGCGCCGACCAGGA
 CACCATCCGTGAGCTCACCGCAAGCTGGGCGCTGCGAGAGCGGCTGCCGCGGGCCT
 CCAGGGCGCCGGCCCCCGCGACACCATGGCCGACGGGCCCTGGGACTCGCTGCGCT
 CATTCTGGAGCTGGAGGACGCCGTGCGGCCCTGCGGGACCGCATCGACCGCTGGAGCA
 GGAGTTCAGCCCGTGTGAACCTCTCAGCTGCCCGAGCCCACTCTGCTGTGCCAC
 CGGCCTACACTCAAGATGGACCAGCTGGAGGGCAGCTGCTGGCCAGGTGCTGGCACT
 GGAGAAGGAGCGTGTGCCCTCAGCCACAGCAGCCCGCGCAGAGGCAGGAAGTGGAAAA
 GGAGTTGGACGTCTGCAGGGTCTGTGGCTGAGCTGGAGCACGGTCTCAGCCTACAG
 TCCTCCAGATGCCTTCAAGATCAGCATCCCCATCCGTAACAACACTACATGTACGCCCGCT
 GCGGAAGGCTCTGCCGAGCTCTACGCATTACCGCCTGCATGTGGTGGCGTCCAGGTC
 CAGCGGCACCGGCCAGGGCACCCCTTCTCCTACTCAGTGCCCGGCAGGCCAACGAGAT
 TGTACTGCTAGAGGCGGGCCATGAGCCCATGGAGCTGCTGATCAACGACAAGGTGGCCCA
 GCTGCCCTGAGCCTGAAGGACAATGGCTGGCACCACATCTGCATCGCCTGGACCACAAG
 GGATGGCCTATGGTCTGCCTACCAGGACGGGAGCTGCAGGGTCCGGTGAACCTGGC
 TGCTGGCACCCCATCAAGCCTCATGGGATCCTTATCTTGGCCAGGAGCAGGATACCT
 GGGTGGCCGTTTGTATGCCACCCAGGCCTTTGTGGTGACATTGCCAGTTTAACTGTG
 GGACCACGCCCTGACACCAGCCAGGTCCTGGGCATTGCCAACTGCACTGCGCCACTGCT
 GGGCAACGTCCTTCCCTGGGAAGACAAGTTGGTGGAGGCCTTTGGGGTGAACAAGGC
 TGCCTTCGATGTCTGCAAGGGGAGGCCAAGGCATAAGGCCTCATGGGCCAGCTTTCTT
 GTAC

Restriction Sites: Please inquire

ACCN: NM_014293

Insert Size: 1600 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_014293.2.

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:	<u>NM_014293.2</u> , <u>NP_055108.2</u>
RefSeq Size:	5814 bp
RefSeq ORF:	1503 bp
Locus ID:	23467
UniProt ID:	<u>O95502</u>
Cytogenetics:	22q13.1
Domains:	PTX
Protein Families:	Druggable Genome, Transmembrane
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]