

Product datasheet for RN200576

Nptx1 (NM_153735) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nptx1 (NM_153735) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nptx1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200576 representing NM_153735 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGGCCGGCCGCGCCGACGCACCTGTGCGCTGCTCGCCCTCTGCCTCTGGGCAGTCGGGCCAGG
ATTTCCGGGCCGACCCGCTTCATCTGCACTTCGGTGCCGGTGGACGCCGACATGTGTGCCCGTCCGTGGC
CGCGGGCGGCGCGGAGGAGCTTCGGAGCAATGTGCTGCAGCTCCGGGAGACCGTGTGCAGCAGAAGGAG
ACCATCCTCAGCCAGAAGGAGACCATCAGGAGAGCTGACCAACCAAGCTTGGCCGCTGCGAGAGCCAGAGCA
CCCTGGACGCGGGTCCGGGCGAGGCCAGGTCCGGCGGCGGCCGCAAGCAGCCTGGCTCGGCAAGAATAC
GATGGGCGACCTGTCCCGGACTCCGGCCTCGGAGACGCTCAGCCAACCTGGGCAAACCTTTGCAATCCCTC
AAAACCCGACTGGAGAACCTCGAGCAGTACAGCCGCTCAATTCTCCAGCCAAACCAACAGCCTCAAGG
ATCTGCTGCAGAGCAAGATCGATGACCTGGAGCGGCAGGTGCTGTCTCGAGTGAACACTCTGGAGGAGGG
AAAAGGGGGCCCCAAGAACGACACAGAGGAAAGGGCCAAGATCGAGAGCGCCTTGACCTCCCTACACCAG
CGGATCAGCGAGCTGGAGAAAGGTCAGAAAGACAATCGACCCGGAGACAAGTTTCAGCTGACATCCCAC
TGCGGACCAACTACATGTATGCCAAGGTGAAGAAGAGCCTGCCGGAGATGTACGCCTTCACTGTGTGCAT
GTGGCTCAAGTCCAGCGGCACCTGGAGTGGGCACGCCCTTCTCCTATGCTGTACTGGCAGGCCAAC
GAGCTGGTCTCATCGAGTGGGCAACAACCCATGGAGATACTCATTAAACGACAAGGTGGCCAAGCTGC
CCTTTGTAATCAACGACGGCAAGTGGCACCACATATGCGTTACCTGGACCACCCGGGACGGGGTCTGGGA
GGCCTATCAGGATGGCACCCAGGGAGGCAATGGAGAGAACCTGGCACCCATCACCCTATCAAAACACAG
GGTGTGCTGGTGTAGGCCAGGAGCAGGACACTTAGGCGGAGGGTTTGATGCCACCAAGCGTTTGTGG
GTGAGCTAGCCCATTTCAACATCTGGGACCGCAAGCTGACCCCTGGGAGGTGTACAACCTGGCCACCTG
CAGCAGCAAGGCCCTCTCTGGCAATGTATCGCCTGGGCTGAGTCCCAGATCGAGATCTTTGGAGGAGCC
ACCAAGTGGACATTCGAGGCTTGCCGCCAGATCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_153735
Insert Size:	1299 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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_153735.2 , NP_714957.1
RefSeq Size:	4949 bp
RefSeq ORF:	1299 bp
Locus ID:	266777
UniProt ID:	P47971
Cytogenetics:	10q32.3
Gene Summary:	secreted protein; may be involved in uptake of synaptic macromolecules [RGD, Feb 2006]