

## Product datasheet for SC213552

### NPTX2 (NM\_002523) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NPTX2 (NM\_002523) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NPTX2  
**Synonyms:** NARP; NP-II; NP2  
**ACCN:** NM\_002523  
**Insert Size:** 1270 bp  
**Insert Sequence:** >SC213552 3'UTR clone of NM\_002523

The sequence shown below is from the reference sequence of NM\_002523. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACGTGTGAGGAGCGTCTCCTTGACTTGTAGCCGCTTCTCCTCTGTCCAGGAGGCCGGGATCAGGCTGT
TGCCATGGAAGTTCAGGGCCATAGACTGCCCCACTTAAACTCTTGTGACTCTGGGCTCAGGTTCCAG
AGCTCATTCCCCAGGAATCTCTAAGACCAGGGCTGGGGCAGTGTCTGCACTGGCTTGTGTTCCCTA
CCAATATTCTGTTGCTGTTTGAAGTAGTGCCAGGGTCCCCTGGGAAGATGCCCCAAGACACCTGCCCC
AAGTGGGTGGATATCTGCCTTCTGCTGCAAGTGGAGGCAGGTCCAGCAGCCCCTCTCAGAGCCCCTG
TAAATGCTATCGCAGCCTGAGTCTGCCGCTTCCAGTTCCTTGGTGTCCCGTGCACCCCTTCTGTCTG
TCCCCTTTCATGGCTGTGCAGCCGTCCCCTGGAGTGGCCATGTCCCTTGTGCATTGAGTGCATCCCCG
CTGGTGACTAAGCTCGCAGCAAGCGGCTACCCCCGATCTGCAAAGGGCCTCTCCCTTGTGTTCTAT
ACATTGTGAATCTTCCGCTCTGAAGAACGCCAGCCTGCCAGACAAAGCCCGCTTCCCCAAAGCAG
AGGGGCTGTCTGTCTCCAGAAAGGGGACATCGGGGGGAGGGGGGCTCAGAAAGGAGAAGGGCTGTG
ATCTCCGGTCCCTCCCCCATCATCCTTCTTAGACTGATGCTTTGACTGAATCATCACTAGCTATGGC
ATTAAGGCGCTCTTCTCATCTGGTGCCAAAGGTTCCGTTGCAGCTTTTTACAACCATCCGGTGTGG
TTTGGAGGATTTGTTTTTTTTTTTCCCAACAGAAAAGAAGCCATTAGAAGAAGGCTCCCATTTTCT
GATGTTCCGCCCCACTGTGAAGAGTGTGCTCGTTTTAAATTCATGTTGATTCTTGTAAAGCACTGGACTG
TCTTTCATCAAGTATTTCCCTACAGAAGTCTCAAGAAAACAGAGATCATTGGCTAGAGATTGTCTGAG
TGACTCCAAGCTACTCACTGTATTGGACGGGAGTAGTAATTTATTTAAAGATAAAGTGACTAAGTGGG
GAAATTTATAAAGCTAAATATTATATTTTTATTTTTATACATATGTTTGAAGTGCAAATCTGTGGATAT
TCCATTTGTAGGACCAAGTCGACATGCCATCCTGACATTGTATGCTACGAGAAGTCTTCTGATGATGG
AATTTTCGATTAAGTGCACTGAAAGATG
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** Sgfl-Mlul



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_002523.3</a>
<b>Summary:</b>	This gene encodes a member of the family of neuronal petraxins, synaptic proteins that are related to C-reactive protein. This protein is involved in excitatory synapse formation. It also plays a role in clustering of alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA)-type glutamate receptors at established synapses, resulting in non-apoptotic cell death of dopaminergic nerve cells. Up-regulation of this gene in Parkinson disease (PD) tissues suggests that the protein may be involved in the pathology of PD. [provided by RefSeq, Feb 2009]
<b>Locus ID:</b>	4885
<b>MW:</b>	46.9