

Product datasheet for **MC208054**

Nptx2 (NM_016789) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nptx2 (NM_016789) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nptx2
Synonyms:	Narp; np2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC208054 representing NM_016789
Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGGCGCTGCTGACCGTCGGCGTGGCGCTCGCCGTGGCCCGCGGACGAGCCAGGACAGCCGATAC
CTGGCAGCCGCTTCGTGTGCACCGCTTGCCCCCGAAGCGGCGCGCCGGCTGCCCGCTGCCCGGAT
GCCCATGCAGGGAGGCGCTCTGAGCCCCGAGGAGGAGCTGCGAGCCGCTGTGCTGCAGCTGCGCGAGACC
GTCGTGCAGCAGAAGGAGACGCTGGGCGCCAGCGAGAAGCCATCCGAGAGCTCACCGGCAAGCTGGCCC
GCTGCGAGGGGTGGCGGGCGCAAGGCGCGGCACAGGCAAGGACACCATGGGCGACCTGCCCGGGA
CCCGGGCCACGTCGTGGAGCAGCTTAGCCGCTCCTTGCAAACCTCAAGGACCGCTTGGAGAGCCTTGAG
CTCCAGCTCCGCACAAATGTGTCTAACGCTGGGCTGCCGAGCGACTTCCGAGAGGTGCTCCAGCGGAGGC
TCGGGGAGCTGGAGAGGCAGTTGCTACGCAAGGTGGCGGAGCTGGAAGATGAGAAGTCCCTGCTTCATAA
TGAGACCTCGGCTCACCGCAGAAGACAGAGAGCAGCTGAACGCCCTGCTGCAGAGGGTACTGAGCTG
GAGCGAGGCAACAGTGCATTCAAGTCACCAGATGCATTCAAAGTGTCCCTTCCCTCCCGCACAACTACC
TGTATGGCAAGATCAAGAAGACATTGCCTGAGCTGTACGCCTTACCATCTGCCTGTGGCTGCGGTCCAG
TGCTCGCCAGGCATCGGTACGCCGTTCTCCTACGCTGTGCCCGGCAAGCCAACGAGATTGTGCTGATA
GAGTGGGGCAATAACCCCATCGAGCTGCTCATCAACGACAAGGTCGCACAGCTGCCGCTGTTTGTGAGTG
ACGGCAAGTGGCACCACATCTGCATCACCTGGACCACTCGAGACGGCATGTGGGAAGCGTTCAGGATGG
GGAGAAGCTGGGCACTGGGAAAACCTGGCACCCTGGCACCCATTAAAGCCAGGGGGCGTCTATCCTG
GGCAGGAGCAGGACACGGTGGGAGGCAGATTTGATGCCACGCAGGCCTTGTGGAGAGCTCAGCCAGT
TCAACATATGGGACCGCTCCTCCGGGCGCAGGAGATCATCAACATCGCCAACTGCTCCAGCAACATGCC
CGGCAACATCATCCCGTGGGTGGACAACAATGTCGATGTGTTCCGCGGGGCTTCCAAGTGGCCTGTGGAG
ACCTGTGAAGAGCGGCTCCTGGACTTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_016789

Insert Size: 1290 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: [BC026054](#), [AAH26054](#)

RefSeq Size:	2602 bp
RefSeq ORF:	1290 bp
Locus ID:	53324
UniProt ID:	O70340
Cytogenetics:	5 84.58 cM
Gene Summary:	Likely to play role in the modification of cellular properties that underlie long-term plasticity. Binds to agar matrix in a calcium-dependent manner (By similarity).[UniProtKB/Swiss-Prot Function]