

Product datasheet for **MR206833**

Nptx2 (NM_016789) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR206833 representing NM_016789
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGCGCTGCTGACCGTCGGCGTGGCGCTCGCCGTGGCCGCCGGACGAGCCCAGGACAGCCGATAC
 CTGGCAGCCGCTTCGTGTGCACCGCTTCCCCCGAAGCGGCGCGCCGGCTGCCCGCTGCCCGGAT
 GCCCATGCAGGGAGGCGCTCTGAGCCCCAGGAGGAGCTGCGAGCCGCTGTGCTGCAGCTGCGCGAGACC
 GTCGTGCAGCAGAAGGAGACGCTGGGCGCCAGCGAGAAGCCATCCGAGAGCTCACCGGCAAGCTGGCCC
 GCTGCGAGGGGTGGCGGGCGCAAGGCGCGGCACAGGCAAGGACACCATGGGCGACCTGCCCGGGA
 CCCGGCCACGTCGTGGAGCAGCTTAGCCGCTCCTTGCAAACCTCAAGGACCGCTTGAGAGCCTTGAG
 CTCAGCTCCGCACAAATGTGTCTAACGCTGGGCTGCCGAGCGACTTCCGAGAGGTGCTCCAGCGGAGGC
 TCGGGGAGCTGGAGAGGCAGTTGCTACGCAAGGTGGCGGAGCTGGAAGATGAGAAGTCCCTGCTTCATAA
 TGAGACCTCGGCTCACCGCAGAAGACAGAGAGCAGCTGAACGCCCTGCTGCAGAGGGTACTGAGCTG
 GAGCGAGGCAACAGTGCATTCAAGTCACCAGATGCATTCAAAGTGTCCCTTCCTCCGCACAACTACC
 TGTATGGCAAGATCAAGAAGACATTGCCTGAGCTGTACGCCTTACCATCTGCCTGTGGCTGCGGTCCAG
 TGCTCGCCAGGCATCGGTACGCCGTTCTCCTACGCTGTGCCCGGCAAGCCAACGAGATTGTGCTGATA
 GAGTGGGGCAATAACCCCATCGAGCTGCTCATCAACGACAAGGTCGCACAGCTGCCGCTGTTTGTGAGTG
 ACGGCAAGTGGCACCACATCTGCATCACCTGGACCACTCGAGACGGCATGTGGGAAGCGTTCAGGATGG
 GGAGAAGCTGGGCACTGGGAAAACCTGGCACCCTGGCACCCATTAAGCCAGGGGGCGTCTATCCTG
 GGGCAGGAGCAGGACACGGTGGGAGGCAGATTTGATGCCACGCAGGCCTTGTGGAGAGCTCAGCCAGT
 TCAACATATGGGACCGCTCCTCCGGGCGCAGGAGATCATCAACATCGCCAACCTGCTCCACGAACATGCC
 CGGCAACATCATCCCGTGGGTGGACAACAATGTCGATGTGTTCCGCGGGGCTTCCAAGTGGCCTGTGGAG
 ACCTGTGAAGAGCGGCTCCTGGACTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206833 representing NM_016789
 Red=Cloning site Green=Tags(s)

MLALLTVGVALAVAAGRAQDSPIPGSRFVCTALPPEAARAGCPLPAMPMQGGALSPEEELRAAVLQLRET
 VVQKQKELGAQREAIREL TGKLARCELAGGKARGTGKDTMGDLPRDPGHVVEQLSRSLQTLKDRLESLE
 LQLRTNVSNAGLPSDFREVLQRRLGELERQLLRKVAELEDEKSLHNETSAHRQKTESTLNALLQRVTEL
 ERGNSAFKSPDAFKVSLPLRTNYLYGKIKKTLPELYAFTICLWLRSSASPGIGTPTFSYAVPGQANEIVLI
 EWGNNPIELLINDKVAQLPLFVSDGKWHHICITWTTTRDGMWEAFQDGEKLTGENLAPWHPKPGGVLIL
 GQEQDVTGGRFDATQAFVGELSQFNIWDRVLRQEIINIANCSTNMPGNIIPWVDNNDVDFGGASKWPVE
 TCEERLLDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

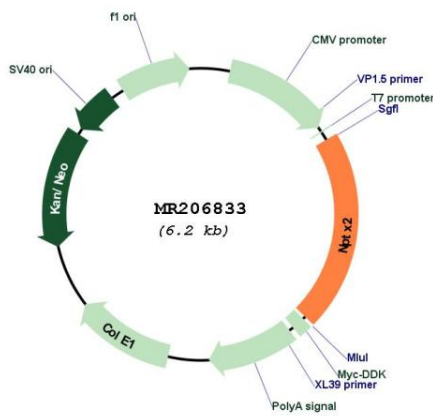
Restriction Sites:

SgfI-MluI

RefSeq Size: 2602 bp
 RefSeq ORF: 1290 bp
 Locus ID: 53324
 UniProt ID: [O70340](#)
 Cytogenetics: 5 84.58 cM
 MW: 47.6 kDa

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]

Product images:



Circular map for MR206833