

Product datasheet for **MC206200**

Nap111 (BC076591) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nap111 (BC076591) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nap111
Synonyms:	AA407126; AI256722; D10Erttd68e; NAP-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC076591
GAGACAGCTATATCAGGGTCATTTAGCAAAAATCTTGCTAAGTGTATGCAATGATGTCAGCGTTTGGAGG
CTGATTATGGGATGGATCCCTGGTTATGGCAGTCTCTTAGATTTGGGGTTTTATTGATCATCTGGTTTCA
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Restriction Sites:	Ascl-NotI
ACCN:	BC076591
Insert Size:	1176 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:	<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>BC076591</u> , <u>AAH76591</u>
RefSeq Size:	3505 bp
RefSeq ORF:	1176 bp
Locus ID:	53605
Cytogenetics:	10 58.67 cM
Gene Summary:	Plays a key role in the regulation of embryonic neurogenesis (PubMed:29490266). Promotes the proliferation of neural progenitors and inhibits neuronal differentiation during cortical development (PubMed:29490266). Regulates neurogenesis via the modulation of RASSF10; regulates RASSF10 expression by promoting SETD1A-mediated H3K4 methylation at the RASSF10 promoter (PubMed:29490266).[UniProtKB/Swiss-Prot Function]