

Product datasheet for **MC221800**

Npas2 (NM_008719) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Npas2 (NM_008719) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Npas2
Synonyms:	bHLHe9; MOP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC221800 representing NM_008719.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
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Restriction Sites: Sgfl-Mlul
ACCN: NM_008719
Insert Size: 2448 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: [NM_008719.2](#)

RefSeq Size: 4180 bp

RefSeq ORF: 2451 bp

Locus ID: 18143

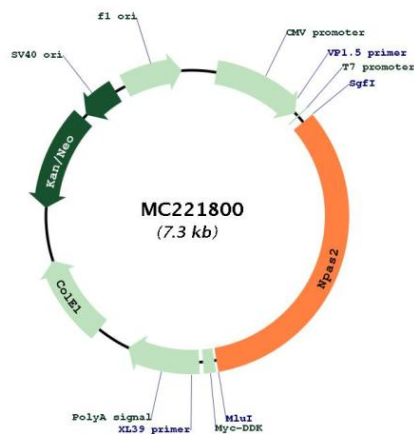
UniProt ID: [P97460](#)

Cytogenetics: 1 17.98 cM

MW: 90.8 kDa

Gene Summary: The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. The encoded protein may play a regulatory role in the acquisition of specific types of memory. It also may function as a part of a molecular clock operative in the mammalian forebrain. [provided by RefSeq, Dec 2014]

Product images:



Circular map for MC221800