

Product datasheet for MR226293

Phox2a (NM_008887) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phox2a (NM_008887) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Phox2a
Synonyms:	Arix; Phox2; Pmx2; Pmx2a; Px2a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226293 representing NM_008887 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTACTCCTACCTCAATTCGTACGATTCGTGCGTGGCGGCCATGGAGGCGTCCGCCTACGGTGACT
TCGGCGCCTGCAGCCAGCCTGGAGGCTTCCAATACAGTCCCCTGCGGCCCTGCCTTCCCCGCCGCTGGGCC
ACCTTGCCCCGCGCTCGGCTCCTCCAACGTGCGCTTGGCGCCCTACGCGACCACCAGCCCCGACCCCTAC
TCGGCAGTTCCCTACAAGTTCCTCCGGAGCCGTCCGGCCTGCATGAGAAGCGCAAGCAGCGGCCATCC
GCACAACGTTACGAGTGCTCAGCTCAAGGAGTTGGAGCGGTCTCGCCGAGACCCACTACCCCGACAT
TTACACTCGCGAGGAACGGCGCTCAAGATCGACCTCACTGAGGCTCGCGTGCAGGTCTGGTTCCAGAAC
CGCCGGGCCAAGTTCGCAAAACAGGAGCGCGGCCAGCGCCAAAGGCGCGGGGAGCGACGGGGCCCA
AAAAGGGCGAGGCGGCTTCTCGTCGGAGGACGACTCCAAGGAGTCCACGTGCAGCCCCACGCCCGA
CAGCACCGCGTCGCTGCCGCCGCCCTGCACCCAGCCTGGCCAGCCCGCTGAGCCCCAGCCCTCTG
CCCGCCGCGTGGGCTCCGGGCCCGGCCAGCCGCTCAAGGGAGCGTTGTGGCAGGGGTGGCGGGCG
GTGGAGGTGGCGCCCCGGCACGGGCGCAGCGGAGCTGCTTAAGGCTGGCAGCCGGCGGAACCCGGGCC
AGGTCCCTTCTGGAGTTCGTCTCTTTACCGGAAGCCCGCCCCGCTGAAGACAAACCTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_008887.2](#), [NP_032913.1](#)

RefSeq Size: 1609 bp

RefSeq ORF: 843 bp

Locus ID: 11859

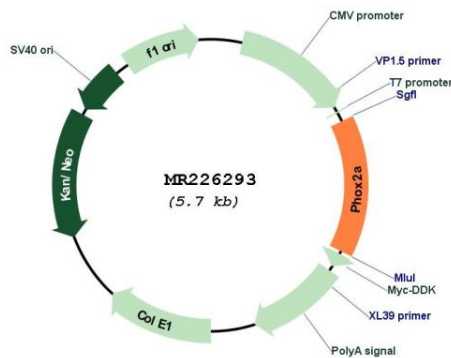
UniProt ID: [Q62066](#)

Cytogenetics: 7 54.66 cM

MW: 29.4 kDa

Gene Summary: May be involved in regulating the specificity of expression of the catecholamine biosynthetic genes. Acts as a transcription activator/factor. Could maintain the noradrenergic phenotype (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226293