

Product datasheet for **MC227713**

Nkx1-1 (NM_011320) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nkx1-1 (NM_011320) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nkx1-1
Synonyms: Nkx-1.1; Sax2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227713 representing NM_011320
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTACCAGCGGCCCGGGCACCAGGGGACGTCCCCGCGCTGCCACCGCCACCGCCCGGGCCCGGCT
 CGGGCCCGCACCAGCGGCTCCTGCGGCTACAGCTCGGGACACTATGGACGGACGAGCTGAGCTGCCAT
 CTTTCCCCGGGCTGGAGTGCCACCGCTCGCGGCCAGCGACTGTCCCCGGTGCCAGAGGGGGTGA
 GCGGCCCGGCCCGCGCCCCCGGCCACCTCTTCCGTTGGACATCCTAGATCCCAACAAGT
 TCAACAGTAGGAGACGCCGCTGCGTGTACTGGGCCCTGTGGTCCCCGCTACGTGTGCCCATGCGCCCC
 GGCCGCGTGCCTGCGGTCCCCGCTGCCTCCGGACGTTCCGCGCGCAGAGCTAGAACGCCGAGCCCTC
 TCCGCGCCACAGGAGTCGACAGCGGCCGCGGGAGCTGAGCCTACAAGTGTGGGACTCTTACAGGGCGG
 ACGAGGCCGAGGCCAACGGCTACAGCAGCGGCAGCGGTGCGAGCCGACCGCGGACAGCGAGGATGAAGC
 GCCGAGGACGAGGACGAGGAAGAAGCGCCCCGAGGTGCAAGTGTCTAGGGCACGGAGGAGCCTCGGGGA
 GGCAGCGCGGTCTCGGGCCCGCGGGTGGGCTGCCCGGAGCGGCCGAGGTGAGGCTTCCCCGTGG
 ACGATACTGCGGCCAGGGCCCCGTGGAACTCGCCCCGAGCCCCGGGCCCGCTGCAACTGCTACGGG
 AGCGGGGAGCGCGGGAGTACCCCGCAGGGCGCCGCGTACCACCAAGCCCAAGCGGAAGCGCACGGGC
 TCGGACTCGAAGTCCGGGAAGCCGAGGCGTGCAGCACCCTTACCTACGAGCAGCTCGTGGCGTGG
 AGAACAAAGTTAAGGCCACTCGCTACCTGTGCGGTGTGCGAGCGCCTAACCTGGCGTGTGCTGAGCCT
 CACCGAGACGCGAGTGAAGATCTGGTTCAGAACCGCGAACCAAGTGAAGAAGCAAAACCCAGGCGCT
 GACACCAGCGCGCCGACCGCGGGCGGGGGCCCCCGGCCGGGAGCGGGGCCCGCGCGGGGCTGCCCG
 GCGGCTCAGTCCGCTCAGCCCCCGCTCCATGGGCGCTCCGCTCGCCTTGCACGGCCCCGCGGGTA
 CCCGGCGCACAGCCAGGAGGGTGGTGTGTGCTGCGCAGCTGCCCTTCTGTCCAGCCCCGCGCTGCTG
 TCGCCCTCGTGTGGGCTCGCAGAGCTACGGCGGCCCGCTTCTATGCGCCCCACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_011320
Insert Size:	1323 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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>NM_011320.1</u> , <u>NP_035450.1</u>
RefSeq Size:	1323 bp
RefSeq ORF:	1323 bp
Locus ID:	672284
Cytogenetics:	5 17.65 cM