

Product datasheet for **MC209354**

Nkx1-2 (NM_009123) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nkx1-2 (NM_009123) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nkx1-2
Synonyms: Nkx-1.1; Nkx-1.2; Sax1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209354 representing NM_009123
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGGCATGGCAGGACGTCGGGGCCAAGGCGGCCCTCTCACCACAAGATCTCCTTCTGTCTTGG
ACATCTTGGATCCGAAAAATTCACGCGAGCTGCCCTCCCGCGGTGCGTCTCGTCCCTGGAAGCCAA
GAAAAGTTTAGAAGAGGTGGAAGCAGGGCAAGATGCTTGTTCGGGAATCCAATCGGGTCACAGGAGACC
CCTGATCGGGTGGCCGAGGCATTGACCCCGGTCTCCGGTGGAGGGCTCCGAGGCAGAGGAGGAGGAGG
AAGCTGAGGATGCGGGGCGCGCACCAGCCAGAGCGCTGGCAGGGGTCCATGAGGGCTCACCAGAGGC
CCGGGCAGTAGCGGTGGGAACGGAAGAGAGCGCGCGGAAGGCCTCCCGCGTCCCGGGCTCTCCCGGT
TCCCGCGGCCCGACGCGCGGAGCCGAGTCCAGCTGCGCCAAGCCAAGGCGCGCGCACTGCCTTCA
CTTACGAGCAGCTGGTGGCCCTAGAGAACAAGTTTCGAGCCACGCGTATCTGTGCGGTGTGCGAACGCT
GAACCTGGCGTGTGCTCAGCCTCAGGAGACGAGGTCAAAATTTGGTCCAGAACCAGGACCAAG
TGAAGAAGCAGAACCAGGGGCCGAGCGCCGTGCAGGCGGGAGGCGGTGCGCCTCAGCCTGGGACAC
CGGGCAGGTAGCGGGGGCGGTGGCAGTGCCTGAGTGGAGTGTCTGGCCCTCCGGTTCCTGGCGCTCT
GCCATCAGACTTTCCACCTATCCTGCCACCAACGTCTCTCCCTGCCGCCTCTCCCGCTGACG
ACCGCCGCAACGGGAGTCCCTTACTCCATTCTTGGGCCCTCTACTTGACCCCTTTCTATGCTCCAC
ACCTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009123
Insert Size: 918 bp



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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:	NM_009123.2 , NP_033149.1
RefSeq Size:	1903 bp
RefSeq ORF:	918 bp
Locus ID:	20231
UniProt ID:	P42580
Cytogenetics:	7 F3
Gene Summary:	May function in cell specification, particularly in the CNS.[UniProtKB/Swiss-Prot Function]