

## Product datasheet for **MC209040**

### Nkx2-9 (NM\_008701) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nkx2-9 (NM_008701) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nkx2-9
Synonyms:	Nkx-2.9; Nkx2-8; Nkx2.9; tinman
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209040 representing NM_008701 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCACCTCTGGACGCCTCGGCTTACGGTGGCAGCCTCCTGAATTTACCTGAACAGGATGCGAAGC  
CTAGGGTGAGGCGCGAGCAACAGACGTGCGTTCCACAGACTGCTGCCTGGCTGGAGTCGGAGTGCAGCCA  
CTACCTGTCCTCGGACGAGAGCGGCCTGGAGACAAGCCCTGCAGACTCGTCGCAGCTGGCTTCGCTCAGG  
CGGGAGTCCCCCGCTCCGACCCGGAGAAGAGGAGGAAGCGGCGGGTGTGTTCTCCAAGGCCAGACCT  
TGGAGTTGGAGCGCGCTTTCCGGCAGCAGCGCTACCTGTGCGCGCCGGAGCGGGAACAGCTGGCTCGACT  
CCTGCGCCTCACGCCACGCAGGTCAAGATCTGGTTCCAGAACCACCGCTACAAGCTGAAGCGAGGGCGA  
GCGCCTGGGATCACAGAGCCTTCGGATATGGCAGCATCATCTGATCTGCACGCCGCTCCCGCCTGCTGC  
GCCGCTAGTGGTACCCGTGCTGGTTACGACCCGCCACCGAGCAACAACGGCAGAGGTGAGGGGACCTC  
TGCGGTGCCCCAGGACAAGTGCAGCGCACGCCTGGCCACTGCGTGTCCGGTGCCAGGCTACACCCGCTTC  
GGACCCGGCTCGGCGCTTGGCTCTTCCCAGCCTACCAGCACTTAGCACCACCAGCTCTGGTCTCCTGGA  
ACTGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008701
Insert Size:	708 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_008701.2</a> , <a href="#">NP_032727.2</a>
<b>RefSeq Size:</b>	1260 bp
<b>RefSeq ORF:</b>	708 bp
<b>Locus ID:</b>	18094
<b>UniProt ID:</b>	<a href="#">O70584</a>
<b>Cytogenetics:</b>	12 C1
<b>Gene Summary:</b>	Possible role in the specification of a distinct subset of neurons.[UniProtKB/Swiss-Prot Function]