

Product datasheet for RN216214

Nkx2-2 (NM_001191904) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Nkx2-2 (NM_001191904) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Nkx2-2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN216214 representing NM_001191904
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGCTGACCAACACAAGACGGGGTTTTTCAGTCAAGGACATCTTGGACCTTCCGGACACCAACGATG
 AAGAAGGCTCGGTGGCCGAAGGGCCGAGGAGGAGAACGAAGGGCCGAGCCGCAAGAGGGCCGGCC
 GCTAGGGCAGAGCGCCTTGGATGCTGTGCAGAGCCTGCCCTTAAGAGTCTTTCTACGACAGCAGCGAC
 AACCCCTACACTCGCTGGCTGGCCAGCACCAGGGCCTCCAATACTCCCTGCACGGACTGGCGGCGAGCG
 CCCCCCAAGACTCGAGCTCCAAGTCCCAGAGCCCTCGGCTGACGAGTACCAGGACAATGACAAGGA
 GACCCAGGGCGGCGGGGGACGCAGGCAAGAAGCGGAAGCGCCGAGTGTCTTCTCCAAAGCGCAGACC
 TACGAGCTGGAGCGGCGCTTCCGGCAGCAGCGGTACCTGTGGCGCCGAGCGGAGCACCTGGCCAGCC
 TCATCCGTCTCACGCCACGCAGGTCAAGATCTGGTTCCAAAACCATCGCTACAAGATGAAACGTGCCCG
 GGCTGAGAAAGGTATGGAGGTGACGCTTACCCTCGCCGCGCGTGTGGCAGTGCCGGTCTTGGTCAGG
 GACGGCAAACCGTCCACGCGCTCAAAGCCCAGGACCTGGCAGCTGCCACCTTCCAGGCAGGCATCCCCT
 TTTCCGCCTACAGCGCGCAGTCGCTGCAGCACATGCAATACAACGCCAGTACAGCTCGGCCAGCACCCC
 CCAGTACCCGACAGCACACCCCCTGGTCCAGGCCAGCAGTGGACTTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001191904
 Insert Size: 822 bp



[View online »](#)

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_001191904.1</u> , <u>NP_001178833.1</u>
RefSeq Size:	1393 bp
RefSeq ORF:	822 bp
Locus ID:	366214
Cytogenetics:	3q41