

Product datasheet for **RN209682**

Nkx6-2 (NM_001107558) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Nkx6-2 (NM_001107558) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Nkx6-2
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN209682 representing NM_001107558
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACGCTAACCGCCCGGGCGCGTTTGTGCTGAGCAGCGCGCCTTTAGCCGCGCTGCACAACATGGCTG
 AGATGAAGACGTCGCTGTTCCCTACGCGCTGCAGGGCCCGGGGCTTCAAGACACCGGCCCTAGGCAG
 CCTTGGCGCGCAGTTGCCTTAGGCACTCCGCACGGCATCAGCGACATCCTGGGACGGCCTGTGGGAGCA
 GCGGGTGGCGGCCTCCTGGGAAGTCTGCCCGTCTCAACGGGCTCGCCTCGTCCGAGGTGTCTACTTCG
 GGCCCGCAGCTGCGGTGGCTCGGGCTACCCCAAGCCGCTGGCGAACTGCCTGGGCGCCCGCCATCTT
 CTGGCCCGGGGTGGTGCAGGGCTCTCCCTGGAGGGACCCGCGCCTGGCCGCTCGGCCAAGCCGGCGGG
 GTCTTGATAAGGATGGCAAGAAGAACTCGCGGCCGACTTTCTGCGCCAGCAGATCTTCTGCGCTGG
 AGAAGACTTTCGAGCAGACCAAGTACTTGGCAGGCCAGAGCGCGCGGCTTGCCTACTCTCTGGGCAT
 GACCGAGAGCCAGGTGAAGGTGTGGTCCAGAATCGGCGGACCAAGTGGCGCAAGCGGCACGCGGCAGAG
 ATGGCGTCGGCTAAAAAGAAGCAGGACTCGGATGCCGAGAAGCTGAAGGTGGTGGCTCAGACGCGGAGG
 ATGATGACGAGTACAACCGGCCCTGGACCCCAACTCCGATGACGAGAAGATCACGCGGCTTCTCAAAA
 GCACAAACCTCGAACTTGGCGCTTGTAGCCCGTGTGGCGGCAGCGGGGGACGCCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001107558
 Insert Size: 834 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:	<u>NM_001107558.2</u> , <u>NP_001101028.1</u>
RefSeq Size:	1267 bp
RefSeq ORF:	834 bp
Locus ID:	309095
Cytogenetics:	1q41