

Product datasheet for **RC228244**

NKX1-2 (NM_001146340) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NKX1-2 (NM_001146340) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: NKX1-2
Synonyms: bB238F13.2; C10orf121; NKX-1.1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC228244 representing NM_001146340
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCTGGCATGGCAGGACGGCGGGGCCAAGGCGGCTCCCTCCCACCACAAGATTTCTTTCTGTCTGCTGCTGG
 ACATCCTGGACCCACAGAAATTCACCCGCGCAGCGCTCCCTGCCGTGCGCCCGGCTCCCCGGGAAGCCAG
 GAAAAGTTTGGCGGAGGTGCAAGCGGGAAAGATGCCAGTCCAGGGACCCTGTCCGACAGCTGGAGACC
 CCTGATGCTGCGGGCCAGGCGCCGCGCCAGGCGTCCCCCTGGAGGTTCCGAGGCGGAAGAGGAGGAGG
 ATGCGGAGGATCCGAGGAGGCCGCGGCTGCGGGAGCGGGCTGCGCGCTTGCTGCCGGGCTAGCGCGCTC
 ACCTGACGCCCGCGCGGGCATTGGCGTCTGGGAGCCCTGCGAGGACGCGGGGGCGGCCCTGTGAGG
 TCCCCCGGGATCCCCCGGCTCCCCGCGTCCCAGGCGCCGCGCCTGGAGCCAACTGCGCCAAGCCGC
 GGCGCGCGCACCGCCTTACCTACGAGCAGCTGGTGGCCTTGAGAAACAAGTTCCGGGCCACGCGCTA
 CCTGTCACTGTGCGAGCGCCTGAACCTCGCGTGTCTCTCAGCCTACCGAGACGCGAGGTCAAAATCTGG
 TTCCAGAATCGCAGGACCAAGTGAAGAAGCAGAACCAGGTTGCCGACGGCGCGGCGAGGTGGGGGGTG
 GCGCGCCCAGCCAGGGCGGGGGGGCGGGCGGGCGGGCTCGGGGGCAGTCTGGCCCTCCCGG
 CACCGGCGCTCTGCACTCCAGACTTCCCCTCTACTCCGCGGCAATGTCTCTTCCCGTCCGCCGCC
 TCCTTCCCGCTGACGGCTGCCGCCCGGGAGCCCTTTCGCGCCGTTCTTGGGCCTTCTACCTGACCC
 CTTTCTACGCCCGCGTCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_001146340.3](#)

RefSeq ORF: 933 bp

Locus ID: 390010

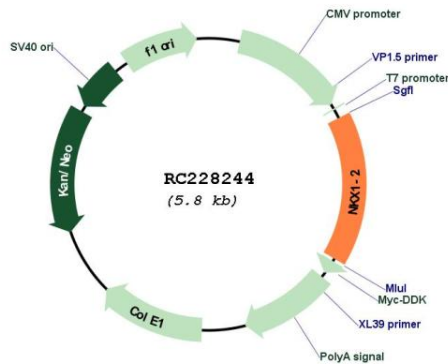
UniProt ID: [Q9UD57](#)

Cytogenetics: 10q26.13

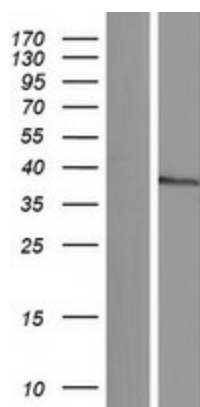
MW: 32.2 kDa

Gene Summary: May function in cell specification, particularly in the CNS.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC228244



Western blot validation of overexpression lysate (Cat# [LY431272]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC228244 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).