

Product datasheet for **RN216844**

Nobox (NM_001192013) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nobox (NM_001192013) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nobox
Synonyms:	RGD1563929
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216844 representing NM_001192013
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACCTCCGGAGAAGCTCTGTAGGAAAATGCGGGGCCAGGAAGCTGGTGACAAGCCCAGGACTGCTG
 CACAGGACACAGAGGGACCACCACAGGATCCTGCCCCACTTGTCCAAGGTGACCCAGACAAGCTGTCCTC
 ACTCCCCAGGGCTGGCTTGGGAAAGAGGCCACTGTCAAAGACCTCTGGGGATTGCATTGATGCTGACACC
 TGTAGAGTGACACAGCCCCCTACCAGCTGTGTGTAGTCCCAAACCCAGAAAAAGGTTCTTCTCTCC
 AAGAGAAAAAGGCAGAGACAGTGAAGCCATCCATGTCTGCAGGCCAGGCCAAGTCCCAATCCCCTCAA
 CTTTCGAGAGAGGGACCTGAAGAAGGAACCCCTAGAAGCAACCTGTCAGTTTCGGAAAAAGACTCGAACC
 CTGTACCGCTCAGACCAGCTGGAAGAGCTGGAACGGATATTCAGGAAGACCACTATCCTGACAGTGACA
 AACGCCATGAGATTGCCAGATGGTGGGGTGACTCCCCAACGCATCATGGTGTGGTTTCAGAACCGTAG
 GGCAAAGTGGCGAAAAGTAGAGAACTAAACGAGAAGGAAGATAATAATGGTCTGCACCCCGAGGGCT
 AACAGCAGCCAGTGCAGATCTGCACCTGAGCTCCTAGGTCTATGCCTACAGACCTAGAACCTGGCCCTG
 TTCTCCAGAGAACATTCTGGATGGCTTTACTGAGCCCCCGTGCTGCTGACTTCGGACCAGACTCTAAC
 GTCCTCTCAGACAATGAGAGTGCTGAGAGGGTGGCAGTGACTCCACCACTCCTCAGTCCCCACCTATT
 CGAAGGACCAACCTTCTCTTCTCTGGGTCCCTTTCAAGCTCCTCAAGTGCTACCTCCGCTGAGGGATG
 TTCCTGGCAGTGACAGCATATACAAGGACAAGCCCTGTGGGTCTGGGGTACTAGTATCACCTCACCTCC
 CATCTACTCAAATTTGGAAGACATGGGACCTCAGGATTACCAAGCAAGCAACAGCTGGGTTTCGTTCCAG
 CTCACCCAGGCTCCACAGACCCCTTTTCCACCCCTTCAGTCCCAGGTTCCGTATCTGCCTCCCTTCC
 CTCTCCCTATCCCAAGCCCACTGCCATTTCTACCACCAGAAGACTCTCTGTTTTTCATTTCCCTTTCGGCCT
 CAATGGGGACTCATCACAGGATTATTACCCAGGGCCCCAATCAGGTCAGATCTTGCTGCAGCCAACAGCT
 GGAAACACGGGTCCAGGACCCTGGAGCGGCCATTGTTTGCAGAACCTCCCTTCCCTCGCCACACCACC
 CACAGGGACACCCCTAGGGGCAGAGGGCTATTTTCTGACTTGTTCCTCACTCCATGTGCTCCTCACTCT
 GAGCAAGCAGCCTTCATTAGGCCTAAGTGGGCTTCTCGGAGGCACTAGAGCAGTGACAGGGACCTCGATA
 AGCAAAATGCCAGATGAGCAGACTTCTCTTCCCTTGAGCAGCTGCACCAGAGGAGGTCAGAGACAAAA
 ATAAGGATAGCCAAGTTGGTGGAGCTAAGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001192013

Insert Size: 1575 bp

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:

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_001192013.1, NP_001178942.1

RefSeq Size: 1575 bp

RefSeq ORF: 1575 bp

Locus ID: 502759

Cytogenetics: 4q24