

## Product datasheet for **RN214378**

### **Foxa2 (NM\_012743) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxa2 (NM_012743) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxa2
Synonyms:	Hnf3b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214378 representing NM\_012743  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGGGAGCCGTGAAGATGGAAGGGCACGAGCCATCCGACTGGAGCAGCTACTACGCGGAGCCTGAGG  
 GCTACTCTCCGTGAGCAACATGAACGCCAGCCTGGGGATGAATGGCATGAACACTTACATGAGCATGTC  
 CGCGGCTGCAATGGGCAGTGGTTCGGCAACATGAGCGCAGGCTCCATGAACATGTCATCTATGTGGGC  
 GCTGGAATGAGCCCGTCGCTGGCTGGCATGTCCCCGGGCGGGCGCCATGGCGGGCATGAGCGGCTCAG  
 CTGGGGCGGCGGCGTGGCGGGCATGGGACCGCACCTGAGTCCGAGTCTGAGCCACTCGGGGGACAGGC  
 GGCCGGGGCTATGGGTGGCCTTGTCCCTACGCCAATATGAACTCCATGAGTCTATGTACGGGCAGGGC  
 GGCTGAGCCGCGCTCGGGACCCCAAGACGTACCGGCGCAGCTACACTCACGCCAAGCCTCCCTACTCGT  
 ACATCTCGCTCATACCATGGCCATCCAGCAGAGCCCCAACAAGATGCTGACGCTGAGCGAGATCTATCA  
 GTGGATCATGGACCTTCCCTTTCTACCGGCAGAACCCAGCAGCGCTGGCAGAACTCCATCCGTCATTCT  
 CTCTCCTCAACGACTTTCTCAAGGTGCCCGCGCCAGACAAGCCTGGCAAGGGCTCCTTCTGGACCC  
 TGCACCCTGACTCTGGCAACATGTTGAGAACGGTTGCTACCTGCGCCGCCAGAAGCGCTTCAAGTGTGA  
 GAACGAACTGGCGTTGAAGGAAGCAGCGGGTGCGGGCAGTGGCGGAGGCAAGAAGACCGCTCCTGGGACA  
 CAGGCTTCTCAGGTTGAGCTCGGGGAGGCCGAGGCTCGGCCTCTGAGACTCCGGCGGGCACCGAGTCCC  
 CCCATTCCAGCGCTTCTCCGTGTGAGGAGCACAAGCGAGGTGGCCTGAGCGAGCTGAAGGGAACACCTGC  
 CTCTGCGCTGAGTCTCCGGAGCCGGCGCCCTCGCCTGGGCGAGCAGCAGGCTGCAGCCACCTGCTG  
 GGCCACCTCACCATCTGGCCTGCCACCAGAGGCCACCTGAAGCCCGAGCACCATTACGCCTTCAACC  
 ACCCTTCTCTATCAACAACCTCATGTCTCCGAGCAGCAACATCATCACAGCCACCACCACCATCAGCC  
 CCACAAAATGGACCTCAAGACCTACGAACAGGTGATGCACTACCCTGGGGGCTACGGTTCCCCCATGCCA  
 GGAGCTTGGCCATGGGCCAGTCACGAACAAAGCCGGCCTGGATGCCTGCCCCCTGGCTGCAGACACTT  
 CCTACTACCAGGGAGTACTCCAGGCCTATTATGAACTCGTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_012743

**Insert Size:** 1377 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).

**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\\_012743.1](#), [NP\\_036875.1](#)  
RefSeq Size: 2218 bp  
RefSeq ORF: 1377 bp  
Locus ID: 25099  
UniProt ID: [P32182](#)  
Cytogenetics: 3q41  
Gene Summary: regulates expression of growth hormone regulated CYP genes [RGD, Feb 2006]