

## Product datasheet for **RN206576**

### **Foxa1 (NM\_012742) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxa1 (NM_012742) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxa1
Synonyms:	Hnf3a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206576 representing NM\_012742  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTAGGGACTGTGAAGATGGAAGGGCATGAGAGCAACGACTGGAACAGCTACTACGCGGACACGCAGG  
 AGGCCTACTCCTCTGTCCCGTCTAGCAACATGAACTCCGGCCTGGGCTCCATGAACTCCATGAACACCTA  
 CATGACCATGAACACCATGACCACGAGCGCAACATGACCCCGGCTTCTTCAACATGCTCTACGCCAAC  
 CCGGGCTTAGGGGCCGGCCTGAGTCCGGGTGCTGTGGCCGGCATGCCCGGGGCTCTGCAGGCGCCATGA  
 ACAGCATGACGGCGGGCGTACAGCCATGGGTGCGGCGCTGAGCCCGGAGGCATGGGCTCCATGGG  
 CGCGCAGCCCGGGCCTCTATGAACGGCCTGGGTCCCTACGCTGCCGCCATGAACCCGTGCATGAGTCCC  
 ATGGCGTACGCTCCGTCATCTGGGCCGAGCCGCGGGGGGGCGGGCGACGCCAAGACGTTCAAGC  
 GCAGTTACCTCACGCCAAGCCGCCCTACTCCTACATCTCGTTCATCACCATGGCCATCCAGCAGGCGCC  
 CAGCAAGATGCTCAGCTGAGCGAAATCTACCAGTGGATCATGGACCTTCCCTATTACCGTCAGAAC  
 CAGCAGCGCTGGCAGAATCCATTGCGCCACTACTGTCTTTCAACGCTTGTTCGTCGAAGGTGGCGCGAT  
 CCCCAGCAAGCCGGGCAAGGGCTCCTACTGGACGCTGCACCCGACTCCGGCAACATGTTCCGAGAACGG  
 CTGCTACTTGGCCGTCAAAAGCGCTTCAAGTGTGAGAAGCAGCCGGGGCCGGAGGTGGGAGTGGGGGC  
 GGCGGCTCCAAGGGGTCCCAGAAAACCGCAAAGACCCCTCAGGCCCGGTTAACCCAGTGCCGAATCAC  
 CCATTCATCGGGTGTGCACGAAAGGCTAGCCAGCTAGAGGGCGCGCCGGCCCCCGGGCCCGCCAG  
 CCCCCAGACTCTGACCACAGTGGGGCCACGGCAGAGGGGGCGGTTCCGAGTTGAAGTCTCCAGTTCT  
 TCATCTGCGCCCCCATAAGCTCCGGCCAGGGGGCTGGATCTGTACCCCTCTCACCGACATGGCTTG  
 CCCCCACGAATCTCAGCTGCACCTGAAAGGGGCCCCCACTACTCCTTTAACCCCTTCTCCATCAA  
 CAACCTCATGTCTCCTCGGAGCAGCAGACAAGCTGGACTTCAAGGCATATGAGCAGGCACTGCAGTAC  
 TCTCTTACGGCGCCACCTTGCCCGCCAGTCTGCCCTTGGCGGCGCTCAGTGGCCACGAGGAGCCCCA  
 TCGAGCCCTCAGCCCTGGAGCCGGCCTACTACCAAGGTGTGATTCCAGACCCGTGCTAAATACTTCCTA  
 G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_012742
- Insert Size:** 1401 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\\_012742.1](#), [NP\\_036874.1](#)  
RefSeq Size: 2189 bp  
RefSeq ORF: 1401 bp  
Locus ID: 25098  
UniProt ID: [P23512](#)  
Cytogenetics: 6q23  
Gene Summary: may act as a transcription factor for hepatocyte specific gene expression [RGD, Feb 2006]