

## Product datasheet for **RN212679**

### **Foxn4 (NM\_001105935) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxn4 (NM_001105935) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxn4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212679 representing NM\_001105935  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATAGAAAGTGACATCCAGTCCAAAATGTCAGGAATGATCAGAAGCTCCGGGCACAGCCACCACCGCT  
 CTCCACAGGAATACAGGTTCTGCCTCCGCGGGTGATGACGACCTCCCTGGGGACCTTCAGTCACTGTC  
 ATGGCTCACAGCCGTGGACGTGCCTCGACTGCAGCAGATGGCAAGTGGGAGGATAGACTTGGGCAGCCCC  
 AGTGTACCACATCCACACCCAGGTGCCATGGTGGGGTGGCAGACCCGCACGTGGGTGCAGCCCCACGTC  
 CCATGCTCCGTAGCCAGACCCGATGGTCCCCAGAGGCATGCTGGGCTTGAGCCCCATAGGCAGCTACAG  
 AGCCAGCGCCGAGCAGATGAACCAAGTCCCGTAGGAGGGCAGTCATCATCGGCCTGCAGGAAATGCCA  
 CAGCTGTACTCTCCGGTACCCAAATCCAGTTCCTCTGCCTCCGGTCCAGCAGTGTCTCCACCA  
 GCCTCTATGGCTCTCCATTCGCAGCCCGCCTCCCTACCCGACGGCCACGTGACTGTGCATTACCTCA  
 AGAGGCACACCCAAACTACCCAAAGCCATCTACTCTACAGCTGTCTGATCGCCATGGCTTTGAAG  
 AGTAGCAAGACAGGCAGCCTGCCGTGAGTGAGATCTACAGTTCATGAAGGAGCACTTCCCTACTTCA  
 AGACAGCACTGACGGTGGAAAGAACTCAGTGAGACACAACCTGTCCCTGAACAAGTGCTTTGAGAAGGT  
 GGAAACCAAGCCAGTGGCTCCTCGCGCAAGGGTGCCTGTGGGCCCTGAACCTGGCGCGCATCGACAAG  
 GTGGAGGAGGAGATGCACAAGTGGAAAGAGGAAGGACCTCGCCGCCATACCCGCAGCATGGCCAACCTG  
 AGGAGTTAGACAAGCTCATCTCAGACCGCCAGAAAGTCCCGCGCTCTGGAAAACAAGGGGAGCCTGA  
 GGTCCCTGTGTGACCCGCGCCACGACGGTGGCCATGACCCACAGCTGCCTGGCCATCTCCAACTCCCA  
 CCTAAGCCACTGATGACCCTGTCCCTGCAGTTCCTGGGGACTTCTCAACATCAGCAGTACACGAACA  
 CAGAGGTGGACGCCCTGGACCCAGCATCATGGACTTCGCTCTACAGGGTAACTGTGGGAAGAGATGAG  
 GGAGGAAAGCTTACGCTGGACACGCTGGGGCCCTTCGGAGACTCCCACTTGGCTGTGACCTGGGAACC  
 CCAAGCCTGACCCCTGTCTCTGGCAGCGGTGACCAGCCCTTCCAGATGTGCAGGTGACAGGTCTCTATG  
 CGGCCTATTCCACTGTACAGCAGACAGTGTGGCCCCATCCGTGGTCAACTCTGCACAGTACCTGGGAAC  
 TCCGGGGAACAAGCCATTGCTCTGCTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001105935
- Insert Size:** 1431 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\\_001105935.1](#), [NP\\_001099405.1](#)  
RefSeq Size: 2709 bp  
RefSeq ORF: 1431 bp  
Locus ID: 288736  
Cytogenetics: 12q16