

Product datasheet for **RN213250**

Foxg1 (NM_012560) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxg1 (NM_012560) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxg1
Synonyms:	BF1A; Fkhl1; RATBF1A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN213250 representing NM_012560
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGGACATGGGAGATAGGAAAGAGGTGAAAATGATTCCTCAAGTCCTCGTTCCAGCATCAACAGCCTGG
TCCTGAGGCGTCCAGAACGACAACCACCACGGAGCCACGGTACCACAACAGCCACCACCCAGCA
TACCATCATCATCAACCACCACCACCACCCGCCCGCCCGCCCTCAGCCGCCACCACCCGCCAG
CAGCAGCAGCAGCCGCCCGCCCGCAGCCCGCAGGCGCGCGGCCCCAGCAGCGGACGACGACA
AGGGCCCCAGCCGTTCTGCTCCCGCGTCCGCCGCCCTGGACGGGGCAAGGCTGACGCACTGGAGC
CAAAGGCGAGCCAGGCGCGGCCCTGCGGAGCTGGCGCCCGTCCGGCCGACGAGAAGGAGAAGGGCGG
GGCGCTGGGGGGAGGAGAAGAAGGGGGCGGGCAGGGCGGCAAGGACGGGGAGGGGGCAAGGAGGGCG
ACAAGAAGAACGGCAAGTACGAGAAGCCCGCTTACGCTACAACGCGCTCATCATGATGGCCATCAGGCA
GAGTCCCGAGAAGCGCTGACGCTCAACGGCATCTACGAGTTCATCATGAAGAATTCCTTACTACCGC
GAGAACAAGCAGGGCTGGCAGAATCCATCCGCCACAACCTGTCCCTCAACAAGTCTTCGTGAAGGTAC
CGCGCCACTACGACGACCCGGGCAAGGGCAACTACTGGATGCTGGACCCGTCGAGCGACGACGTGTTTAT
CGGCGGCACGACCCGGCAAGCTGCGGCGCCGCTCCACCACGCTCTCGGGCAAGCTAGCCTTTAAGCGCGG
GCACGGCTCACCTCCACCGGCTCACCTTATGGACCGCGCCGGCTCCCTTACTGGCCATGTCGCCCT
TCCTGTCCCTGCACCACCTCGCGCCAGCAGCACTTTGAGTTACAACGGGACCACGTCCGGCTACCCAG
CCACCCATGCCCTACAGCTCCGTGTTGACTCAAACCTCGCTGGGCAACAACCACTCCTTCTCCACCGCC
AACGGCTGAGCGTGGACCGGCTGGTCAACGGGGAGATCCCGTACGCCACGACCACTCACGGCCGCTG
CGCTCGCCGCTCCGTGCCCTGCGGCTGTCGGTGCCTGCTCCGGGACCTACTCCCTCAACCCCTGCTC
CGTCAACCTGCTCGCGGGCCAGACCAGTTACTTTTTCCCCACGTCGCCGACCCGTCAAATGACTTCGCAG
ACCAGCAGTCCATGAGCGCCCGGGCGCGTCTCCTTACGTCGCCGACGGCCCTCGACCCTGCCCT
GTGAGTCTTTAAGACCCTCTTTGCCAAGTTTTACGACAGGACTGTCCGGGGACTGTCTGATTATTTAC
ACATCAAATCAGGGGTCTTCTTCAACCCTTAATACAT**TAA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_012560

Insert Size: 1443 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_012560.2](#), [NP_036692.1](#)
RefSeq Size: 2811 bp
RefSeq ORF: 1443 bp
Locus ID: 24370
UniProt ID: [Q00939](#)
Cytogenetics: 6q22
Gene Summary: coordinates many cell survival mechanisms [RGD, Feb 2006]