

## Product datasheet for **SC211185**

### **FOXG1 (NM\_005249) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	FOXG1 (NM_005249) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FOXG1
Synonyms:	BF1; BF2; FHKL3; FKH2; FKHL1; FKHL2; FKHL3; FKHL4; FOXG1A; FOXG1B; FOXG1C; HBF-1; HBF-2; HBF-3; HBF-G2; HBF2; HFK1; HFK2; HFK3; KHL2; QIN
ACCN:	NM_005249
Insert Size:	1558 bp



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**Insert Sequence:** >SC211185 3'UTR clone of NM\_005249  
The sequence shown below is from the reference sequence of NM\_005249. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGTCTTCTTCCAACCTTTAATACATTAAACATCCCTGGGACCAGACTGTAAGTGAACGTTTTACACAC
ATTTGCATTGTAATGATAATTAATAAATAAAGTCCAGGTATTTTTTAAAGCCCCCCTCCCATTT
CTGTACGTTTGTTCAGTCTCTAGGGTTGTTTATTATTCTAACAAGGTGTGGAGTGTGAGCGAGGTGCAA
TGTGGGGAGAATACATTGTAGAATAAAGTTTGGAAAGTCAAATTATAGTAGAATGTGTATCTAAATAG
TGACTGCTTTGCCATTTCAACCTGACAAGTCTATCTAAGAGCCGCCAGATTTCCATGTGTGC
AGTATTATAAGTTATCATGGAATATATGGTGGACGCAGACCTTGAGAACAACCTAAATTATGGGGAGA
ATTTTAAATGTTAACTGTAATTTGATTTAAAAAGCATTTCGTAGTAAAGGTGCCCAAGAAATTTT
TGCCCATTTATTGTTTTCCTTTCTTAAAGAAGTGTTTTTTTTTCTTTGTTTACTTTTAGACCAA
AGATTGGGTTCTAGAAAATGCACTTGGTATACTAAGTATTAACAACAAGGAAAGTGTTCAG
TTGGCAACACTGCCCATTTCAATTGAATCAGAAGGGGACAAAATTAAAGATTGCCTTCAGTTTGTGTGT
GTATATTTTGTATGTGGTCACTAACAGGTCACCTTTATTTTTCTAAATGTAGTGAAATGTTAATA
CCTATTGTACTTATAGGTAACCTTGCAAATATGTAACCTGTGTTGCGCAAATGCCGCATAAATTTGAG
TGATTGTTAATGTTGCTTAAATTTCTTGATTGTGATACTGGGTCATATGCCCGTGTGTTGCACTTA
CAAAAATGTTTACTATGAACACACAGAAATAAAAAATAGGCTAAATTCATATATCTTGATACTTTTG
TCTCTTTTAAAGTAGAGCTAATTTTTAAAGACCAATCAACTTATAGGGAATCAAAGGCTTTTTCA
GCCAAACTAAAATTTAACTGCTCCTTTAATTTGAACTGACTTAAAAATGAAAATAGTATTTTCCCT
TTGTGAACAAATTTTACAAGGAGCAGCCTATTTAATAAACTAGCTTTAAACAAGTATAGGCTTTTC
AGCTGATACCTGTAAGTTTCTGTGGATATACAGCAAAAAGAGATATAATTTAATTTTCTGTGCATAGCT
CTTTACCTGTGTTTATTTCCAAATCCATTAATAGAATGCCATTTATATTTTTGTTTCAGGTATATTG
TTAATAGAGCTTGGCAAATATAAATAAATATATGTATATGGTTAGATAGAAGTGACTATAATGCACAC
ATATGTAATATATAGACACACAGAGCCCTTCAGTTCAGGTACAATTTGCGCTATGAATGCTGCAAAC
ATTTTTGTTAAATTTGATTTATACTTTCTAAGTCAGCATTATTTTTGTGGCTGTTTACCACAA
TGAAAGAGTTCTAATAAAGATGTGCTGAAGTTGCAATATA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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**Restriction Sites:** Sgfl-Mlul

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_005249.5](#)

**Summary:** This locus encodes a member of the fork-head transcription factor family. The encoded protein, which functions as a transcriptional repressor, is highly expressed in neural tissues during brain development. Mutations at this locus have been associated with Rett syndrome and a diverse spectrum of neurodevelopmental disorders defined as part of the FOXG1 syndrome. This gene is dysregulated in many types of cancer and is the target of multiple microRNAs that regulate the proliferation of tumor cells. [provided by RefSeq, Jul 2020]

Locus ID: 2290

MW: 60.3