

## Product datasheet for **SC213230**

### **FBXO11 (NM\_025133) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	FBXO11 (NM_025133) Human 3' UTR Clone
Symbol:	FBXO11
Synonyms:	FBX11; IDDFBA; PRMT9; UBR6; UG063H01; VIT1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_025133
Insert Size:	1216 bp



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**Insert Sequence:** >SC213230 3' UTR clone of NM\_025133  
The sequence shown below is from the reference sequence of NM\_025133. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

TGACTCTGCTCCACCTATAGAATCTAATACATTGCAGCACAACT**TGA**ATTCCCTCCCTAAAGAAAAAGTCC  
TGCCATTGTAACATCATAACTTAAAAACACTTTTTTGGAAAGAAGATTTAAAATATTTGCCCATGCTACAGG  
AAGAGACTGTATTAATAATGGATACACAAGGTGACACTATGAAGCTCAAGCTACCAAAAAGAAAG  
TGGCAATATATTGACTCAGGATCTCAAAGCTGGGTGTTTTAGCATTACTGTGAAAGACTGAAGGGACA  
GAAGTGAAGAAAATAAGCTGCAATTTTGTACAGATACCAACTTCTGAAAAGCTGGTGTTTTTACAACCTAG  
CATTGAATGCAGTCCAATTTGCAGTAGTAATCTTCAATAGACAAGCAGCTTTGTTGCTGCCTTTATGGAC  
ATGGGTACCAATTGCTTTTGTAAATATGGTAAAAATGTGAGCTAGCACTTCTGCGTTCCTTTTGATTTTTT  
TTTTTAAACATGTATTAGATTGAGAAATATGATTTTAAATGCTTTAATCTCATGTAGTTTGTTTTAATT  
TCAAGCAAAATCTTACTGTACTTGAATGTGCCCTGTTTTGTTAGCACACCTAGACTTGTGTAACCTGTAC  
TCATGTCCCAGTATGTACGTTCTTTCTATGAAAGAGAAAACTAATCTTAAATTATCCAGCAATGTT  
TCTGGTATCCTTTAAGAAAAGTTAAGACTATTATTTCCCTTCCCTTCCCTGTGCAGCATTCAAATCACCC  
CTAGAAAAAGTGAGTGTTTTAAATGAGACTTCTAGGAAGGATGCACTGTAAAACAAAAGTATTCTTGTA  
ACTCAGTTTTGTGAAAGTAAAAACTACTATGTTTTAAGTACACTTTAGAAAGTCTCTTCAAACAAAC  
AGTCCGTATTTGAACTCTGTTTCATAGTTTTTTTTTGAACAGTTTAGACAAAAGTCTGCTGGAATTTAAACC  
AATTTCCCTGCATTAAGCTGAGACAAGTATATACAGCCCTATACAGTTTCATAGCTTTTCCCTCCCCAT  
TTATGTATTGGTGACAGTGGGTATAAACAGCCTGAAAGTGTATGCATGTACCATAACATCTAGACTT  
AATATATTGTGGAGTATTCAATAACCATTATGTAGAAGGTAGATAAGAATTTAAAGGGTTTAATTCCTA  
GAAAGAAAATGGAAAATGGTCATTT

**ACGCGT**AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCG

**Restriction Sites:** SgfI-MluI

**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\\_025133.3](#)

**Summary:**

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. It can function as an arginine methyltransferase that symmetrically dimethylates arginine residues, and it acts as an adaptor protein to mediate the neddylation of p53, which leads to the suppression of p53 function. This gene is known to be down-regulated in melanocytes from patients with vitiligo, a skin disorder that results in depigmentation. Polymorphisms in this gene are associated with chronic otitis media with effusion and recurrent otitis media (COME/ROM), a hearing loss disorder, and the knockout of the homologous mouse gene results in the deaf mouse mutant Jeff (Jf), a single gene model of otitis media. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jun 2010]

**Locus ID:**

80204