

Product datasheet for **RC231443**

FBXO11 (NM_001190274) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO11 (NM_001190274) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FBXO11
Synonyms:	FBX11; IDDFBA; PRMT9; UBR6; UG063H01; VIT1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

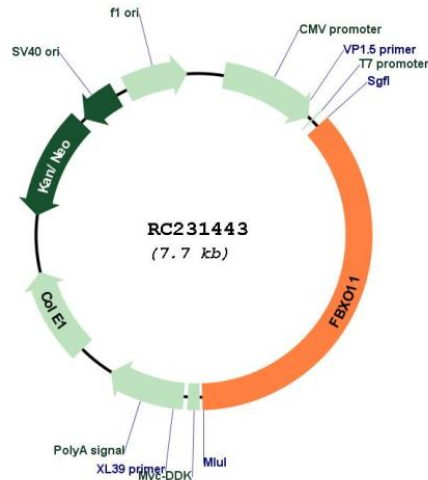
>RC231443 representing NM_001190274
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACTCCGTCCGAGCCGCAACCGGAGACCCAGGCGAGTGTGCGGCCGCGCCCGGTGCAGCAACAGC
 AGCAGCAGCCCCGAGCAGCCGCCGCGCCGAGCCGCCAGCAGCAGCCGCCAGCAGCAGCCTCCGCC
 GCCGCCGAGCAGCAGCAGCAGCAGCAGCCTCCGCCGCCGCCACCGCCGCTCCGCCGCTGCCTCAGGAG
 CGGAACAACGTCGGCGAGCGGGATGATGATGTGCCTGCAGATATGGTTGCAGAAGAATCAGGTCCTGGTG
 CACAAAATAGTCCATACCAACTTCGTAGAAAACTCTTTTCCGAAAAGAACAGCGTGTCCACAAAAGAA
 CAGTATGGAGGGCGCCTCAACTTCAACTACAGAAAACTTTGGTCATCGTGCAAAACGTGCAAGAGTGTCT
 GGAATACACAAGATCTATCAGCAGCACCTGCTGAACAGTATCTTCAGGAGAACTGCCAGATGAAGTGG
 TTCTAAAAATCTTCTTACTTGTGGAACAGGATCTTTGTAGAGCAGCTTGTGTATGTAACGCTTCAG
 TGAACCTTGCTAATGATCCAATTTTGTGGAACGATTATATATGGAAGTATTTGAATATACCTGCCCTATG
 ATGCATCCTGAACCTGGAATAATCTACCAGATTAATCCAGAAGAGTATGAACATCCAAATCCCTGGAAG
 AGAGTTTCCAGCAGTTGTATAAAGGTGCACATGTAAGCCAGGATTTGCTGAACATTTCTACAGTAACCC
 TGCAAGATATAAAGGAAGAGAAAATATGTTGTATTATGATACTATTGAAGATGCCCTTGGTGGGGTACAA
 GAGGCTCATTTTGTGACTTATCTTTGTTTCTTCTGGAATATATACTGATGAATGGATATATTTGAAT
 CTCCAATCACCATGATTGGTGCAGCACCTGGGAAAGTGGCAGACAAGTTATAAATGAAAACACTAGAGA
 TTCAACCTTCGTTTTATGGAAGGCTCTGAAGATGCTTATGTTGGATATATGACAATAAGGTTTAAACCT
 GATGACAAATCTGCACAACCCACAATGCACACCCTGCTTAGAGATTACAGTAAATTTAGCCCTATTA
 TTGACTCTGTATCATCCGAAGTACATGTACAGTTGGTTCTGCAGTATGTGTTAGTGGTCAAGGAGCATG
 TCCACCATCAAGCACTGTAACATCAGTACTGTGAAAATGTTGGACTATATATAACAGATCATGCACAG
 GGAATATATGAGGATAATGAAATTTCCAATAATGCGTTAGCTGGGATTTGGGTTAAAAATCATGGAACCC
 CAATTATAGACGGAATCATATTCATCATGGACGTGATGTTGGTGTGTTACATTTGATCATGGCATGGG
 TTACTTTGAAAGTTGCAATATACACAGAAATAGGATAGCAGGCTTTGAAGTAAAAGCCTATGCTAACCTT
 ACAGTGGTTCGATGTGAAATCACCATGGGCGAGCTGGAGGAATATATGTCCATGAAAAGGAGAGGAC
 AATTCATAGAGAATAAAATCTATGCAAAACACTTTGCAGGTGATGGATTACCTCAATAGTGACCCAAC
 AATAAGGGGAAATCTATATTTAATGAAATCAAGGAGGAGTTTACATCTTTGGTGTGACGAGGCTT
 ATTTGAAGGAAATGACATTTATGGCAATGCATTAGCAGGAATCAAATTAGGACAAACAGTTGTCCAATTG
 TTCGGCATAACAAAATTCATGATGGCCAGCATGGTGGGATTTATGTGCATGAAAAGGACAAAGGAGTAA
 AGAAGAGAATGAAGTTTATAGTAACACTCTAGCTGGAGTCTGGGTGACAACCTGGCAGCACTCCAGTACTG
 AGAAGAAACCGGATACACAGTGGCAAGCAGGTTGGTGTATTTTTATGACAATGGACATGGAGTGTAG
 AAGACAATGATATCTATAATCATATGATTCAGGGGTTTCAGATAAGGACTGGAAGCAACCCCAAAATTAG
 ACGCAACAAAATCTGGGGAGGACAGAATGGTGGAAATCTAGTTTATAATCTGGTCTAGGCTGTATAGAA
 GACAATGAAATATTTGACAATGCAATGGCTGGAGTCTGGATTAAGACAGATAGTAATCCTACACTAAGAA
 GAAATAAAATCCATGATGGAAGAGATGGTGGCATCTGTATATTTAATGGGGTTCGAGGCTCCTTTGAAGA
 AAATGATATTTTCAGGAATGCTCAAGCAGGTGTTCTCATCAGCACTAATAGTCATCCAATCTTAAGGAAA
 AACAGAATATTTGATGGATTTGCCGAGGATTGAAATACAAATCACGCAACTGCAACACTAGAAGGCA
 ATCAGATTTTTAACAACCGGTTTGGAGGCTATTTTTAGCATCTGGTGTAAATGTGACAATGAAAGATAA
 CAAAATAATGAACAATCAAGATGCCATAGAAAAGGCTGTTAGTAGAGGCAATGTTTATATAAAATATCA
 AGTTATACCAGCTATCCCATGCATGATTTCTACAGATGTCATACTTGTAAACACCACAGATCGAAATGCCA
 TATGTGTGAACCTGCATTAAGAAGTCCATCAGGGACATGATGTAGAGTTTATTAGACATGATAGGTTTTT
 CTGTGACTGTGGTGTGGAACACTGTCTAATCCTTGTACATTAGCTGGTGGAGCTACACATGATACAGAT
 AACTATATGACTCTGCTCCACCTATAGAATCTAATACATTGCAGCACAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Plasmid Map:



ACCN: NM_001190274

ORF Size: 2781 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001190274.2](#)

RefSeq ORF: 2784 bp

Locus ID: 80204

UniProt ID: [Q86XK2](#)

Cytogenetics: 2p16.3

Protein Families: Druggable Genome

MW: 104 kDa

Gene 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]