

Product datasheet for **SC106306**

FBXO11 (AF174599) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO11 (AF174599) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO11
Synonyms:	FBX11; PRMT9; UBR6; UG063H01; VIT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AF174599, the custom clone sequence may differ by one or more nucleotides

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CGGCCGCGCCCGGTGCAGCAACAGCAGCAGCAGCCCCGAGCAGCGCCGCGCGAGCCGCCCCAGCAGC
AGCCGCCCCAGCAGCAGCCTCCGCCGCCGCCAGCAGCAGCAGCAGCAGCAGCAGCAGCCTCCGCCGCCACC
GCCGCCTCCGCCGCTGCCTCAGGAGCGGAACAACGTCGGCAGCGGGATGATGATGTGCCTGCAGATATG
GTTGCAGAAGAATCAGGTCCTGGTGCACAAAATAGTCCATACCACTTCGTAGAAAACTCTTTGCCGA
AAAGAACAGCGTGTCCCACAAAGAACAGTATGGAGGGCGCCTCACTTCAACTACAGAAAACTTTGGTCA
TCGTGCAAAACGTGCAAGAGTGTCTGGAAAATCACAAGATCTATCAGCAGCACCTGCTGAACAGTATCTT
CAGGAGAACTGCCAGATGAAGTGGTTCTAAAAATCTTCTTTACTTGCTGGAACAGGATCTTTGTAGAG
CAGCTTGTGTATGTAAACGCTTCAGTGAAGTGTCTAATGATCCCAATTTGTGAAACGATTATATATGGA
AGTATTTGAATATACTCGCCCTATGATGCAT
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5' Read Nucleotide Sequence:	>OriGene 5' read for AF174599 unedited TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTCCTGCCCGAA GCTCGTGTGCGTGTGCGTGTGTGTGTCCCTCCGCCAACGCCGCCACCTCAGCCCGCAA ATGAACTCCGTCGAGCCGCCAACCGGAGACCCAGGCGAGTGTGCGGGCCGCGCCCGGTG CAGCAACAGCAGCAGCAGCCCCGAGCAGCCGCCGCCGAGCCGCCCCAGCAGCAGCCG CCCCAGCAGCAGCCTCCGCCGCCGCCGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC CCACCCGCCCTCCGCCGCTGCCCTCAGGAGCGGAACAACGTGCGGCGAGCGGGATGATGAT GTGCTGCAGATATGGTTGCAGAAGAATCAGGTCCTGGTGCACAAAATAGTCCATACCAA CTTCGTAGAAAACTCTTTTGCCGAAAAGAACAGCGTGTCCACAAAAGAACAGTATGGAG GGCGCCTCAACTTCAACTACAGAAAACTTTGGTATCGTGCAAAACGTGCAAGAGTGTCT GGAAAATCACAAGATCTATCAGCAGCACCTGCTGAACAGTATCTTCAGGAGAACTGCCA GATGAAGTGGTTCTAAAAATCTTCTTACTTGTGGAACAGGATCTTTGTAGAGCAGCT TGTGTATGTAACGCTTCAGTGAACCTGCTAATGATCCAATTTTGTGAAACGATTATAT ATGGAAGTATTTGAATATACTCGCCCTATGATGCATCCTGAACCTGAAAAATTCTACCAG ATTAATCCAGAAGAGTATGAACATCCAAATCCCTGGAAAAGAGAGTTCCAGCANGTGTAT AANAGTGCACATNGTAAGCCAGGATTTGCTGAACATTTCTACAGTACN
Restriction Sites:	NotI-NotI
ACCN:	AF174599
Insert Size:	1250 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:	<ol style="list-style-type: none"> 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:	AF174599.1 , AAF04520.1
RefSeq Size:	591 bp
RefSeq ORF:	591 bp
Locus ID:	80204
Cytogenetics:	2p16.3
Domains:	F-box
Protein Families:	Druggable Genome

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]