

Product datasheet for **RG222041**

FBXO11 (NM_025133) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO11 (NM_025133) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FBXO11
Synonyms:	FBX11; IDDFBA; PRMT9; UBR6; UG063H01; VIT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG222041 representing NM_025133
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTTGCAGAAGAATCAGGTCCTGGTGCACAAAATAGTCCATACCAACTTCGTAGAAAACTCTTTTGC
 CGAAAAGAACAGCGTGTCCACAAAAGAACAGTATGGAGGGCGCCTCAACTTCAACTACAGAAAACTTTGG
 TCATCGTGCAAAACGTGCAAGAGTGTCTGAAAATCACAAGATCTATCAGCAGCACCTGCTGAACAGTAT
 CTTCAGGAGAACTGCCAGATGAAGTGGTTCTAAAAATCTTCTTACTTGTGGAACAGGATCTTTGTA
 GAGCAGCTTGTGTATGTAACGCTTCAGTGAACCTGCTAATGATCCAATTTGTGGAAACGATTATATAT
 GGAAGTATTTGAATATACTCGCCCTATGATGCATCCTGAACCTGGAAAATCTACCAGATTAATCCAGAA
 GAGTATGAACATCCAAATCCCTGGAAAGAGAGTTCCAGCAGTTGTATAAAGGTGCACATGTAAGCCAG
 GATTTGCTGAACATTTCTACAGTAACCTGCAAGATATAAAGGAAGAGAAAAATATGTTGTATTATGATAC
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 TATACTGATGAATGGATATATATTGAATCTCCAATCACCATGATTGGTGCAGCACCTGGGAAAGTGGCAG
 ACAAAGTTATAATTGAAAACACTAGAGATTCAACCTTCGTTTTTATGGAAGGCTCTGAAGATGCTTATGT
 TGGATATATGACAATAAGGTTTAAACCCTGATGACAAAATCTGCACAACACCACAATGCACACCCTGCTTA
 GAGATTACAGTAAATTGTAGCCCTATTATTGATCACTGTATCATCCGAAGTACATGTACAGTTGGTTCTG
 CAGTATGTGTTAGTGGTCAAGGAGCATGTCCACCATCAAGCACTGTAACATCAGTACTGTGAAAATGT
 TGGACTATATAACAGATCATGCACAGGGAATATATGAGGATAATGAAATTTCCAATAATGCGTTAGCT
 GGGATTTGGGTTAAAAATCATGGAAACCAATTATTAGACGGAATCATATTCATCATGGACGTGATGTTG
 GTGTGTTACATTTGATCATGGCATGGTTACTTTGAAAGTTGCAATATACACAGAAAATAGGATGACAGG
 CTTTGAAGTAAAAGCCTATGCTAACCTACAGTGGTTCGATGTGAAATTCACCATGGGCAGACTGGAGGA
 ATATATGTCCATGAAAAAGGAAGAGGACAATTCATAGAGAATAAAAATCTATGCAAACAACCTTTCAGGTTG
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 ATGTGCATGAAAAGGGACAAGGAGTAATAGAAGAGAATGAAGTTTATAGTAACACTCTAGCTGGAGTCTG
 GGTGACAACCTGGCAGCACTCCAGTACTGAGAAGAAACCGGATACACAGTGGCAAGCAGGTTGGTGTATAT
 TTTTATGACAATGGACATGGAGTCTAGAAGACAATGATATCTATAATCATATGTATTACAGGGTTCAGA
 TAAGGACTGGAAGCAACCCAAAATAGACGCAACAAAATCTGGGGAGGACAGAATGGTGGAAATCTAGT
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 AAGACAGATAGTAATCCTACACTAAGAAGAAAATAAAATCCATGATGGAAGAGATGGTGGCATCTGTATAT
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 CACTAATAGTCATCCAATCTTAAGGAAAAACAGAATATTTGATGGATTTGCCGCAGGTATTGAAATTACA
 AATCACGCAACTGCAACACTAGAAGGCAATCAGATTTTAAACAACCGTTTGGAGGCTTATTTTATAGCAT
 CTGGTGTAAATGTGACAATGAAAGATAACAAAATAATGAACAATCAAGATGCCATAGAAAAGGCTGTTAG
 TAGAGGCCAATGTTTATATAAAAATCAAGTTTATACCAGCTATCCCATGCATGATTTCTACAGATGTCAT
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 TAGAGTTTATTAGACATGATAGTTTTTCTGTGACTGTGGTGTGGAACACTGTCTAATCCTTGTACATT
 AGCTGGTGAACCTACACATGATACAGATACACTATATGACTCTGCTCCACCTATAGAATCTAATACATTG
 CAGCACAAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG222041 representing NM_025133
Red=Cloning site Green=Tags(s)

MVAEESGPGAQNSPYQLRRKTL LPKRTACPTKNSMEGASTSTTENFGHRAKRARVSGKSQDL SAAPAEQY
LQEKL PDEVVLKIFSYLLEQDL CRAACVCKRF SELANDPILWKRL YMEVFEYTRPMMHPEPGKFYQINPE
EYEHNPWKESFQQL YKGAHVKPGFAEHFYSNPARYKGRENML YYDTIEDALGGVQEAHFDGLIFVHSGI
YTDEWIYIESPITMIGAAPGKVADKVI IENTRDSTFVFMESSEDAYVGYMTIRFNPDDKSAQHNAHHCL
EITVNCSPIIDHCIIRSTCTVGSAVCVSGQGACPTIKHCNISDCENVGLYITDHAQGIYEDNEISNNALA
GIWVKNHGNPIIRRNIHHGRDVG VFTFDHGMGYFESCNIHRNRIAGFEVKAYANPTVVRCEIHHGQTGG
IYVHEKGRGQFIENKIYANNFAGVWITSNSDPTIRGNSIFNGNQGGVYIFGDGRGLIEGNDIYGNALAGI
QIRTNSCP IVRHNKIHDGQHGGIYVHEKGGVIEENEVSNTLAGVWVTTGSTPVLRRNRIHSGKQVGVY
FYDNGHGVLEDNDIYNHMYSGVQIR TGSNPKIRRNKIWGGQNGGILVYNSGLGCIEDNEIFDNAMAGVWI
KTDSNPTLRNKIHDGRDGGICIFNGGRLL EENDIFRNAQAGVLISTNSHPILRKNRIFDGF AAGIEIT
NHATATLEGNQIFNRFGLFLASGVNVTMKDNKIMNND AIEKAVSRGQCLYKISSYTSYPMHDFYRCH
TCNTTDRNAICVNCIKKCHQGH DVEFIRHDRFFCDCGAGT LSNPCTLAGEPTHDTDTLYDSAPPIESNTL
QHN

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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_025133.4](#)

RefSeq Size: 3951 bp

RefSeq ORF: 2532 bp

Locus ID: 80204

UniProt ID: [Q86XK2](#)

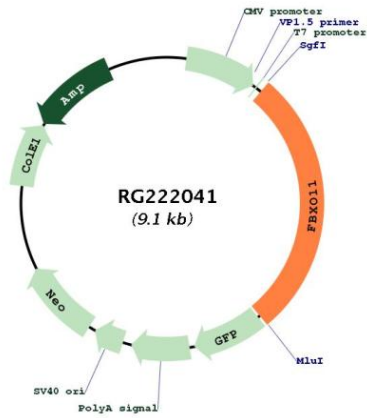
Cytogenetics: 2p16.3

Domains: PbH1, CASH

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]

Product images:



Circular map for RG222041