

Product datasheet for **RG202158**

FBXO17 (NM_024907) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	FBXO17
Synonyms:	FBG4; Fbx17; FBX26; FBXO26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG202158 representing NM_024907
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCGCCCGGCTATCGCGGCGACGGCTGCCGGCGGACCCGTCCTGGCCCTGGACGCGCTGCCCGCGG
AGCTGCTGGTGCAGGTGCTGAGCCACGTGCCGCCACGCTCCTTGGTCACGCGATGCCGCCAGTGTGCCG
CGCCTGGCGCGACATAGTGACGGGCCCCACTGTGTGGCTGCTGCAGCTGGCCCGCGACCGCAGCGCCGAG
GGCCGCGCACTCTACGCACTGGCTCAACGCTGCCTGCCAGCAACGAAGACAAGGAGGAGTTCCCGCTGT
GCGCCCTGGCGCGCTACTGTCTGCGCGCGCCCTTCGGCCGCAATCTCATCTTCAACTCCTGCGGAGAGCA
GGGCTTCAGAGGCTGGGAGGTGGAGCATGGCGGGAACGGCTGGGCCATAGAAAAGAACCTAACACCGGTG
CCTGGGGCTCCTTCGACAGCTGCTTCGTGACCTCTTTCGAATGGTGTCTCAAGAGGCAGCTTGTGGACC
TGGTATGGAAGGGGTGTGGCAGGAGCTGCTGGACAGCGCCAGATTGAGATCTGTGTGGCTGACTGGT
GGGCGCTCGAGAGAACTGCGGCTGCGTCTACCAGCTCCGGGTCCGCCTTCTGGATGTGTATGAAAAGGAA
GTGGTCAAGTTCTCAGCCTCACCTGACCCGGTCCTTCAGTGGACTGAGAGGGGCTGCCGACAGGTCTCCC
ACGTCTTCACCAACTTTGGCAAGGGCATCCGCTACGTATCTTTTGAGCAGTACGGGAGAGACGTGAGTTC
CTGGGTGGGCACTACGGCGCCCTTGTGACCCACTCCAGTGTGAGGGTCAGGATCCGTCTGTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >RG202158 representing NM_024907
Red=Cloning site Green=Tags(s)

MGARLSRRRLPADPSLALDALPPELLVQVLSHVPPRSLVTRCRPVCRAWRDIVDGPTVWLLQLARDSAE
GRALYAVAQRCLPSNEDKEEFPLCALARYCLRAPFGRNLIFNSCGEQGFRGWEVEHGGNGWAIEKNLTPV
PGAPSQTCFVTSFEWCSKRQLVDLVMGVWQELLDSAQIEICVADWWGARENCGCYQLRVRLLDVYEKE
VVKFSASPDPVLQWTERGCRQVSHVFTNFGKGIRYVSFEQYGRDVSSWVGHYGALVTHSSVRVIRLS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024907

ORF Size: 834 bp

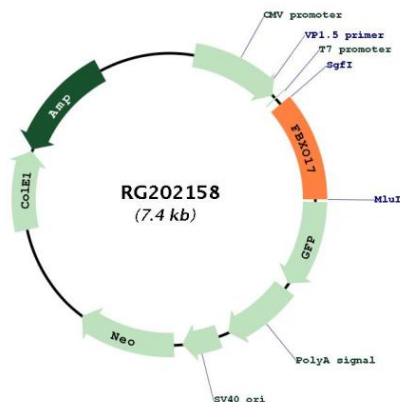
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_024907.5</u> , <u>NP_079183.4</u>
RefSeq Size:	2215 bp
RefSeq ORF:	837 bp
Locus ID:	115290
UniProt ID:	<u>Q96EF6</u>
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the F-box protein family which is characterized by the F-box motif. The F-box proteins constitute one of the four subunits of the 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 and it contains an F-box domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RG202158