

Product datasheet for **MG203902**

Fbxo17 (BC026470) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo17 (BC026470) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fbxo17
Synonyms:	Fbg4; Fbx17; Fbxo26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203902 representing BC026470 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAGCGGGCCCTCGCGACGGCAGATGACTGAAGCTCGGCGCCTGGCTCTAACCAAGCTGCCCCCTG
AGCTGCTGGTGCAGGTGCTGAGCCACGTGCCGCTCGCGCTTAGTGACCCGCTGCCGGCCAGTGTGCCG
GGCCTGGCGGACCTGGTAGATGGCCCAAGTATATGGCTGCTGCAACTGGCTCGCGACCGCAGCGCGGAG
GGCAGAGCCCTCTACGCCTTGGCCAGCGCTGTCCGCGGACGCCGACGCCGACGCCGACGCCGACGGCA
ACCGCCACGACGAGTTCCATTCTGCGCTCTGGCCGATTCTGCCTGAGAGCGCCGTTTGGCCGCAACCT
CATCCACAACCTCTGCGGAGAACAGGGCTTCAGAGGTTGGGAAGTGGAGCACGGCGGAAATGGTTGGGCC
GTGGAAAAGAATTTGACGCTGGTACCAGGGGCTCCTTCCAGACCTGCTTTGTGACTTCTTTGAGTGGT
GCTCCAAGAGGCAGCTTGTAGACCTGGTGAAGGAAGGAGTATGGCAGGAGCTGTTGGACAGTGGCCAGAT
TGAGATCTGCATAGCTGACTGGTGGGGCGCCCGTGAGAACTGCGGCTGCATCTACCGGCTTCGAGTTCGC
CTACTGGATGAATATGAAAACGAAGTGGTCAAGTTCTCTGCCTCACCCAACCCAGTCTTCAGTGGACTG
AGAGGAGCTGCCGACAAGTCTCTACGTCTTCACTAATTTGGCAAGGGCATCCGGTATGTGTCTTTGA
GCAGTATGGGAGAGACACGCTTCCTGGGTGGGACACTACGGTGCCCTTGTAACTCACTCCAGTGTGCGG
GTCAGGATCCGTCTGTCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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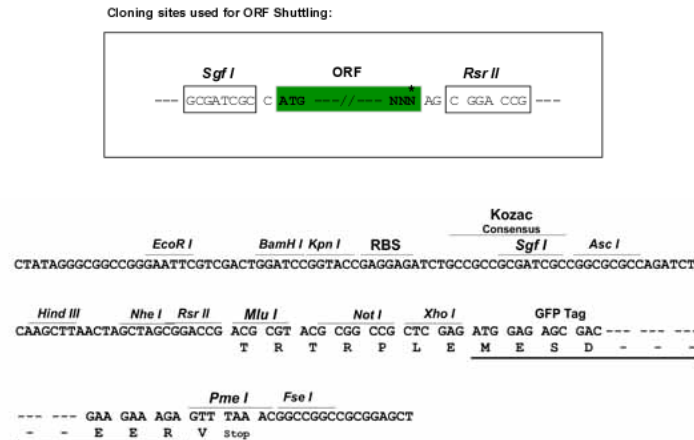
Protein Sequence: >MG203902 representing BC026470
 Red=Cloning site Green=Tags(s)

MGARPSRRQMTEARRLALTKLPPELLVQVL SHVPPRALVTRCPVCRAWRDLDGPSIWLLQLARDRSAE
 GRALYALAQRCPADADADADGNRHDEFPCALARFCLRAPFGRNL IHNSCGEQGFGRWEVEHGGNGWA
 VEKNLTLVPGAPSQTCTFVTSFEWCSKRQLVDLVKEGVWQELLD SGQIEICADWWGARENC GCIYRLVR
 LLDEYENEVVKFSASPNPVLQWTERSCRQVSHVFTNFGKGIRYVSFEQYGRDTRSWVGHY GALVTHSSVR
 VRIRLS

SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: BC026470

ORF Size: 858 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: [BC026470](#), [AAH26470](#)

RefSeq Size: 1977 bp

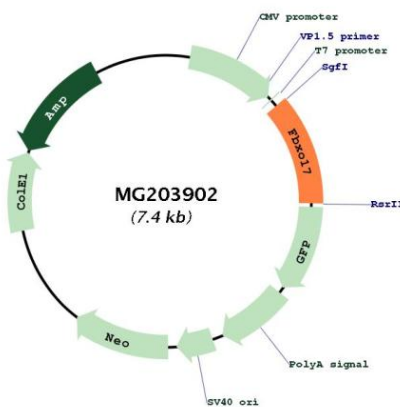
RefSeq ORF: 860 bp

Locus ID: 50760

Cytogenetics: 7 B1

Gene Summary: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Able to recognize and bind denatured glycoproteins, which are modified with complex-type oligosaccharides. Also recognizes sulfated glycans. Does not bind high-mannose glycoproteins (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG203902