

Product datasheet for **RG204109**

FBXL8 (NM_018378) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FBXL8 (NM_018378) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: FBXL8
Synonyms: FBL8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG204109 representing NM_018378
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGAGCCTGGAGAGGGACTGCCAGAGGAGGTGCTGGCACTCATCTCCGCCACCTGTCCCTGAGAG
 ACCGTGCTGCCGCCGCCAGGGTCTGCAGGGCTGGGCCGCCGCTGCTACCTGCAGCGCCGTGGCACGA
 CACAAAAATCAGTTGCGAATGTGAGCTGGAAGGCATGCTGCCACCTATCTGTCCGCTGCCTCGACCAC
 ATTCACAACCTACGGCTGGAATTTGAGCCATCGAGGAAGCCGAGCCGCCGGGGCGCCATCGAGCTGCTGA
 TGTTCTGGCGGGCCGTGCCCGGGGCTGCGAGGCTGCGCCTGGAGTGCCGCGGAGAAAAACCGCTCTT
 CGACGCGGGCCGCGACGCTCCTGGAGGCTGTGCACGCTGTATGCGGGCGGCCAGCCAGCTACGCCACCTC
 GACCTGCGGGCCTTGTCCCTTCACTGGACGACGCGCTGGTGTGCAAGCGGGCGCGCAGCTGTCCCGAGC
 TCCACAGCCTTTTTCTGGACAACAGTACCTAGTGGGCGAGCTGGGTCCCGGCTCAGTGCTCGAGTACT
 GGAGGCTGCCCGCGCCTGCGCGCTCTCGGCTGCACCTAGCCAGTTTGTGCGACGCCATCCTCGAAGCA
 CTGGCGGGCCAGACCGAGCGCCTTTCGCGCTCTGGCTGCGGTGCGCGTGCCTGCGCGTGCCTGCGCG
 CGTCCCGCTGCCAACGAAGCCTGGGTGCGTTCGCGCCGCCACCCTGGGCTGGCAGTGGAGCTGGA
 GCTGGAGCCCGCTGCCCGCTGAGAGCGTGACGCGCTCCTGCAGCCAGCCGTCCCGTGGCTGCGCTG
 CGCCTCAACCTCTCAGGCGACACCGTAGGCCAGTGCCTTCGAGCACACCACCTAGCCGCAACCCTGT
 GCGCGCTCGAGGTGCGCGCAGCCGCTTCGCGCGAGCTGAACGCCCGCTGGAGGAGCTGGCGGCGCGCTG
 CGCGGCCCTGCGCGAGGTGCATTGTTTCTGCGTGGTGGAGCCACTCGGTGCTGGACGCTTCCGCGCGCAC
 TGCCCGCGCTGCGCACCTATACCCTCAAGCTACGCGCGAGCCGATCCTGGAGGCTACGCTCGTGG
 CG

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG204109 representing NM_018378
 Red=Cloning site Green=Tags(s)

MAEPGEGLPEEVLALIFRHLSLRDRAAAARVCRAWAAAATCSAVWHDTKISCECELEGMLPPYLSACLDH
 IHNLRLFEFPSRKPSRRAAIELMLVLAGRAPGLRGLRLECRGEKPLFDAGRVDLEAVHAVCGAASQLRHL
 DLRRLSFTLDDALVLAARSCEPELHSLFLDNSTLVGSGVPGSVLELLEACPRLRALGLHLASLSHAILEA
 LAAPDRAPFALLALRCACPEDARASPLPNEAWVALRRRHPLAVELELEPALPAESVTRVLQPAVPVAAL
 RLNLSGDVTGVPVRFAAHYAATLCALEVRAAASAELEAARCAALREVHCFVSVSHVLDADFRAH
 CPRLRITYTLKLTREPHWRPTLVA

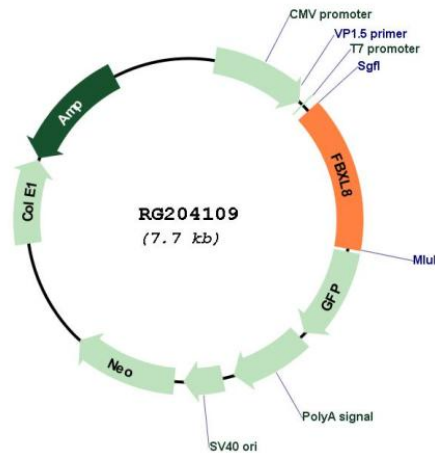
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_018378

ORF Size:	1122 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:	<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:	NM_018378.3
RefSeq Size:	1618 bp
RefSeq ORF:	1125 bp
Locus ID:	55336
UniProt ID:	Q96CD0
Cytogenetics:	16q22.1
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 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 Fbls class. It shares 78% sequence identity with the mouse protein. [provided by RefSeq, Jul 2008]