

Product datasheet for **RG235086**

FBH1 (NM_001258453) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBH1 (NM_001258453) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FBH1
Synonyms:	Fbx18; FBXO18; hFBH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG235086 representing NM_001258453
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCCAAAAGCAATTCTGTTGCCAGGACAGCTGTCAGGACTCTGAGGGTGACATGATCTTTCTGCAG
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AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

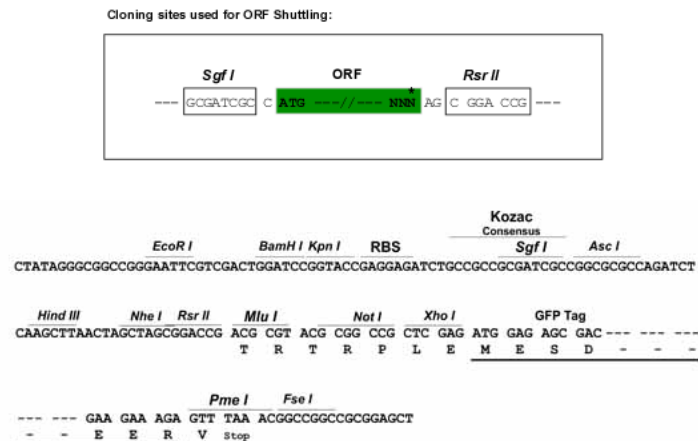
Protein Sequence: >RG235086 representing NM_001258453
Red=Cloning site Green=Tags(s)

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WNLLYVAVTRAKRLIMTKSLENILTLAGEYFLQAE LTSNVLKTGVVRCCVGCNNAIPVDVLTMMKKLP
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SGPTRRRLE - GFP Tag - V

Restriction Sites: SgfI-RsrII

Cloning Scheme:

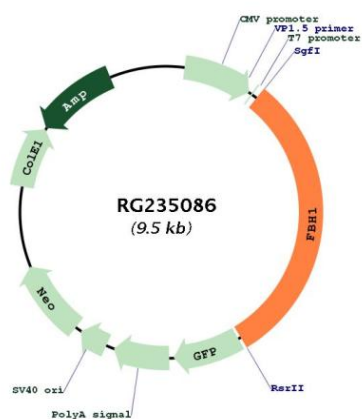


ACCN: NM_001258453

ORF Size: 2907 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.
RefSeq:	NM_001258453.1 , NP_001245382.1
RefSeq Size:	3702 bp
RefSeq ORF:	2910 bp
Locus ID:	84893
UniProt ID:	Q8NFZ0
Cytogenetics:	10p15.1
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the F-box protein family, members of which are 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 three 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 Fbx class. It contains an F-box motif and seven conserved helicase motifs, and has both DNA-dependent ATPase and DNA unwinding activities. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG235086