

Product datasheet for **RC204568**

FBXO30 (NM_032145) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO30 (NM_032145) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FBXO30
Synonyms:	Fbx30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC204568 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGAGGAGCTGCAGCATTCCATTGTGTGAATTGTGTCACTAGACGGTGCATGACCAGGCCAGAGC
 CAGGGATTTCTGTGATTTGATTGGTTGTCCATTGGTTTGTGGTGCAGTTTTCCATTCTTGTAAAGCTGA
 TGAGCATCGACTTTTATGTCCATTTGAACGAGTGCCTTGCTTAAATAGTGACTTTGGATGCCATTTACC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGGTTTAA

Protein Sequence: >RC204568 protein sequence
Red=Cloning site Green=Tags(s)

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MEEELQHSVCVNCVSRRCMTRPEPGISCDLIGCLVCGAVFHSCKADEHRLLCPFERVPCLNSDFGCPFT
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MMSKATDKVSKPREQISVKSSVPEIPHANGLVSVDEESYGALYQATVETTRSLAAALDILNTATRDIGML
NTSVPNDMDEQQNARESLEDQNLKQDHLYEIEIGAVGGIDYNDTNQNAQSEQNGSSDLLCDLNTSSYDT
SALCNGFPLENICQVIDQNQLHGDSKQSNLTNGDCVASSDGTSKPSSSLAVAAQLREIIPSSALPNGT
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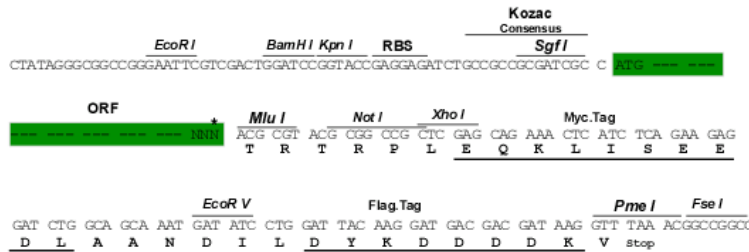
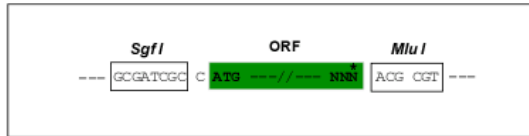
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6324_a12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_032145

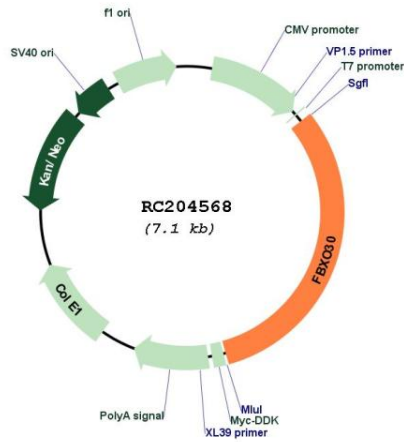
ORF Size: 2235 bp

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](#)

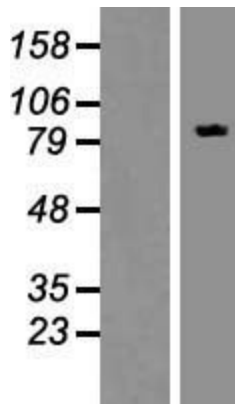
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_032145.5
RefSeq Size:	4420 bp
RefSeq ORF:	2238 bp
Locus ID:	84085
UniProt ID:	Q8TB52
Cytogenetics:	6q24.3
Domains:	F-box
Protein Families:	Druggable Genome
MW:	82.3 kDa
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 Fbxs class and it is upregulated in nasopharyngeal carcinoma. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC204568



Western blot validation of overexpression lysate (Cat# [LY410338]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204568 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).