

Product datasheet for **SC318948**

FBXW8 (NM_153348) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXW8 (NM_153348) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXW8
Synonyms:	FBW6; FBW8; FBX29; FBXO29; FBXW6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_153348, the custom clone sequence may differ by one or more nucleotides

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ATGGACGACTACAGCCTGGATGAGTTCCGTCGGCGCTGGCAGGAGGAGCTGGCGCAGGCCAGCGCCGA
AGAAGCGCGACGCGCCGAGGCTGCCGAGAGGCGGGCTCGCGCGCCGAGGTGGGCTCCGGCGCGGCGA
ACAGGCCTCGGGGACCCGGCGCTGCCACAGCTCTCCTGGAGGGCGCGGGAGGCCCGCGCGCGGG
GCGACTCGGGCCGAGGGCAGGACGTAGCGAGCCGCTCACGTTCTCCTCTGGCCCGAGGGCGCCGGG
GCGGGGAGCAGCTGGTGGACCAGCTCATCCGCGACCTGAATGAAATGAATGATGTGCCTTTCTTTGATAT
CCAAGTGCCTTACGAATTGGCAATCAATATATTTTCAGTATCTGGACAGGAAAGAACTAGGAAGATGTGCA
CAGGTGAGCAAGACGTGGAAGGTGATTGACAGAGGATGAGGTGCTGTGGTACAGGCTGTGCCAGCAGGAAG
GGCACCTTCCGGATAGCAGCATCTGACTATTCTTGCTGGAAGCTCATCTTCCAAGAGTGCCGAGCCAA
GGAACACATGTTACGAACCAACTGGAAGAATCGCAAAGGTGCCGTGAGCGAGCTGGAGCATGTTCTCTGAC
ACAGTTTTGTGTGATGTGCATTCTCACGATGGTGTGGTATTGCGGGATATACATCAGGGGATGTGAGAG
TGTGGGACACCCGCACCTGGGACTACGTAGCCCCCTTCTGGAATCAGAGGACGAGGAGGATGAGCCTGG
AATGCAGCCAAATGTCTCTTTGTGAGGATAAACAGCTCGTTGGCAGTAGCAGCTTATGAGGATGGGTTT
CTTAATATTTGGGATTTAAGGACCGGAAAGTACCTGTTTCATCGTTTTGAGCACGATGCAAGAATACAGG
CACTAGCCCTCAGCCAGGACGATGCAACCGTGGCCACAGCTTCTGCTTTTGATGTCGTGATGTTATCCCC
CAATGAGGAGGGTACTGGCAGATAGCTGCGGAATTTGAAGTCCGAAACTGGTTCAGTACCTTGAATA
GTTCCAGAAACAGAAAGTACCTGTGGCAGTAGCCGCTGCTGGAGATCTGATGTACCTGCTCAAAGCCG
AAGACTCCGCCAGAACCCTCCTTACGCCACGGCCCGCTGTACATGTCTAGACGTCTCGGCCAACCA
AGTTGCTTTTGGTGTACAGGGTCTGGGATGGGTGTACGAAGGAAGCAAGATCCTGGTGTATAGCCTGGAA
GCAGACGCCGCTCTTGAAGTGGTAACTTCCGTGACTTACGTGTGTCAACCTCAGCGACAGCC
CTCCCAACCTCATGGTCACTGGCAACATGGACGGGAGGGTGGAGGATCCACGACCTCCGCAGTGGTAACAT
CGCCCTGTGCTCTCGCCCATCAGCTCAGGGTCTCTGCTGTGCAGATGGATGACTGGAAGATCGTCAGT
GGAGGCGAGGAAGGCCTGGTGTCCGTGTGGGATTATCGGATGAACCAGAAGCTGTGGGAGGTGATTCCG
GGCACCCGGTGCAGCACATCTCATTACAGCAGCCACAGCCTCATCACGGCCAACGTGCCTTACCAGACGGT
AATGCGAAACGCCGACCTGGACAGCTTCACTACTCACAGGAGACACCGGGGGCTGATCCGCGCTATGAG
TTTGCGGTGGACCAGCTGGCCTTCCAGAGCCCTCTCCCTGTCTGCCGTTTCATCTGTGACGCCATGGCCA
CTCACTACTACGACCTCGCACTGGCCTTCCCTATAACCATGTTTAG
    
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Restriction Sites: Please inquire

ACCN: NM_153348

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_153348.2 , NP_699179.2
RefSeq Size:	4871 bp
RefSeq ORF:	1797 bp
Locus ID:	26259
UniProt ID:	Q8N3Y1
Cytogenetics:	12q24.22
Protein Families:	Druggable Genome
Protein Pathways:	Ubiquitin mediated proteolysis
Gene Summary:	<p>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 contains a WD-40 domain, in addition to an F-box motif, so it belongs to the Fbw class. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) is the longer transcript and encodes the longer isoform (1).</p>