

Product datasheet for **SC105524**

FBXW9 (NM_032301) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXW9 (NM_032301) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXW9
Synonyms:	Fbw9; MEC-15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032301, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCTTCCCCTAGGGCGGTGCGATGATTCCCACACCTGGGACGATGACTCGGACCCAGAGTCAGAGA
CAGACCCAGACGCGCAGGCCAAGGCCTACGTGGCCCGCTTCTCAGTCCGCCAAAATCCGGGCTGGCGTT
CTCGCGCCCTCGCAGCTATCCACACCCGCCGCTCCCCGAGCGCTTCGGAGCCTCGGGCCGCTCCAGG
GTTTCGGCCGTAAGTGAGCCGGGCTTCTGAGCCTTCCCCGGAGCTGCTGCTCGAGATCTGCTCCTACC
TGGACGCCCGCTCGTGTCCACGTCTGTGCGGGTGTGCCACGCGCTCCGCGACCTCGTGTCTGACCA
TGTACCTGGAGGCTACGCGCGTACGCCGCTACGCGCGCCCTACCCAGTGGTGAAGAGAAGAAGCTTT
GACTGGCCGGCAGCCTGCATTGCGCTGGAGCAGCACCTGTCCCGCTGGGACAGGATGGGCGCTGGGTCTG
AACTACTTCTGCCTGGCCGAAGGCCACGTGGCTTCCGTTGACTCAGTGTGCTGCTCCAGGGTGGGTCACT
CTGTCTGTGCGGGCTCCCAGATCGCAACGTCACCTTGTGGGACCTGCGGACGCTGGGACGGAGTCCAAC
CAGGTTCTGATCAAGACCTTAGGCACTAAGCGAAATAGTACCCATGAGGGCTGGGTGTGGTCACTGGCAG
CGCAGGACCACCGGTGTGCTCCGGCTCCTGGGACAGCACAGTGAAGCTCTGGGACATGGCAGCGGATGG
GCAGCAGTTCGGCGAGATAAAGGCCAGCTCAGCCGTGCTGTGCCTCTCCTACCTGCCTGACATCCTGGTG
ACTGGCACCTATGACAAGAAGGTGACCATCTACGACCCAGAGCCGGCCAGCCCTGTTGAAGCACCAGC
AACTACACTCCAGACCCGTGCTGACCCTGCTGGCGGATGACCGGCACATCATCTCAGGCAGCGAGGACCA
CACCCCTGGTGGTGGTGGACCCGAGCCAACAGCGTCTGCAGCGTCTGCAGTGGACTCCTACCTGCTC
TGATGTCTACAGGAACCCAGCTCTGGGCTGGTGACAACCAGGGCCTGCTGCACGTCTTCGCCAACCC
GCAACGGCTGTTCCAGCTTATCCGGTCTTTGATGTGGGCCACAGCTTCCCATCACTGGGATCCAGTA
CTCCGTGGGAGCCTTGTACACCACATCCACTGACAAGACCATCCGGGTGCACGTGCCACAGACCCACCA
AGGACCATTTGCACCCGAAGGCATGACAATGGGCTCAATAGGGTCTGTGCTGAGGGCAACCTGGTGGTGG
CCGGCTCTGGAGACCTGTCGCTAGAGGTCTGGAGGCTGCAGGCCTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032301 unedited NNCCGTTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCACTCT GTCTGTGGGCTCCCGAGATCGCAACGTCACCTTGTGGGACCTGCGGCAGCTGGGGACGG AGTCCAACCAGTTCTGATCAAGACCTTAGGCACTAAGCGAAATAGTACCCATGAGGGCT GGGTGTGGTCACTGGCAGCGCAGGACCACCGCTGTGCTCCGGCTCCTGGGACAGCACAG TGAAGCTCTGGGACATGGCAGCGGATGGCAGCAGTTCGGCGAGATAAAGGCCAGCTCAG CCGTGTGTGCCCTCCTACCTGCCTGACATCCTGGTGACTGGCACCTATGACAAGAAGG TGACCATCTACGACCCAGAGCCGGCCAGCCCTGTTGAAGCACCAGCAACTACACTCCA GACCCGTGCTGACCCTGCTGGCGGATGACCGGCACATCATCTCAGGCAGCGAGGACCACA CCCTGGTGGTGGTGGACCGCCGAGCCAACAGCGTCTGCAGCGTCTGCAGCTGGACTCCT ACCTGCTCTGCATGTCCTACCAGGAACCCAGCTCTGGGCTGGTGAACCCAGGGCCTGC TGCACGTCTTCGCAACCGCAACGGCTGCTTCCAGCTTATCCGGTCTTTGATGTGGGCC ACAGCTTTCCCATCACTGGGATCCAGTACTCCGTGGGAGCCTTGTACACCACATCCACTG ACAAGACCATCCGGGTGCAGTGCCACAGACCCACCAAGGACCATTTGCACCCGAAGGC ATGACAATGGGCTCAATANGGGTCTGTGCTGAGGGCAACCTGNTGGTGGCCGGCTCTGGA GACTGTCGCTAGAGGTCTGGAGGCTGCAGCCTGNNACAGTGGCCGTGATGTGGTACTGCT
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032301 unedited TTTTTTTTTTTTTTTTCCCAACCACCAACATGTCAGGTTTATTTTTCTTCCCTCTCAA CTGAAAGGGGGGCATCCAATAATAACAAAACCAGGGCCAAAAGGGGAAAGCGGCCCC TGGGGGGGCTGAACCCCAATTTACCCTTCCCCGGGCATAGGGCCAGGCCAGAACC TCACCCAAATGGGGTGGAACTCCTTGGGCCCTAGGCCACGGGGCGGAGGCAACACCAA CATTGGGGATGGCCCCCAAAAACAAGGAGGAACCCAGCCTCCGGCAGGCAGTATCCA CATCCACCCACCTGTTAAGGCCTGCAGCCTCAAACCTTTAGCAACAGGTCTCCAAGG CCGGCCACCACAGGTTGCCCTCAACACAAACCCTATTGACCCCATTTGCATGCCTTCGG GGGCAAATGGTCTTGGGGGGTCTGGGGGCACGTCCACCCGGATGGTCTTGTGAGGGGAT GTGGGGAACAAGGCTCCCACGGAGTACTGGATCCCAG
Restriction Sites:	NotI-NotI
ACCN:	NM_032301
Insert Size:	1140 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_032301.1, NP_115677.1</u>
RefSeq Size:	1750 bp

RefSeq ORF: 408 bp

Locus ID: 84261

UniProt ID: [Q5XUX1](#)

Cytogenetics: 19p13.13

Domains: WD40, F-box

Protein Families: Druggable Genome

Gene Summary: Members of the F-box protein family, such as FBXW9, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603034), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]