

Product datasheet for **SC215767**

FBXW7 (NM_018315) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FBXW7 (NM_018315) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FBXW7
Synonyms:	AGO; CDC4; FBW6; FBW7; FBX30; FBXO30; FBXW6; hAgo; hCdc4; SEL-10; SEL10
ACCN:	NM_018315
Insert Size:	2000 bp



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Insert Sequence: >SC215767 3'UTR clone of NM_018315
 The sequence shown below is from the reference sequence of NM_018315. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGCTGGACTTTGATGTGGACATGAAGTGAAGAGCAGAAAAGATGAATTTGTCCAATTGTGTAGACGAT
ATACTCCCTGCCCTTCCCCTGCAAAAAGAAAAAGAAAAAGAAAAAGAAAAATCCCTTGTCTCAG
TGGTGCAGGATGTTGGCTTGGGGCAACAGATTGAAAAGACCTACAGACTAAGAAGGAAAAGAAGAAGAG
ATGACAAACCATAACTGACAAGAGAGGCGTCTGCTGTCTCATCACATAAAAGGCTTCACTTTTGACTGA
GGGCAGCTTTGCAAAATGAGACTTTCTAAATCAAACCAGGTGCAATTATTTCTTTATTTTCTTCCAG
TGGTCATTGGGCAGTGTTAATGCTGAAACATCATTACAGATTCTGCTAGCCTGTTCTTTTACCAGTAC
AGCTAGACACCTAGAAAGGAACTGCAATAATATCAAAACAAGTACTGGTTGACTTTCTAATTAGAGAGC
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AGTTATCATGAAAAGCTTTTTTTTTTTTTTTTTTGGCAACCATTGCCAATGTCAATCAATCACAGTATT
AGCCTCTGTTAATCTATTTACTGTTGCTTCCATATACATTCTTCAATGCATATGTTGCTCAAAGGTGGC
AAGTTGCTCTGGGTTCTGTGAGTCTGAGATGGATTTAATTTGATGCTGGTGCTAGAAGTAGGCTT
CAAATATGGGATTGTTGTCCCAACCCTGTACTGTACTCCAGTGGCCAACTTATTTATGCTGCTAAAT
GAAAGAAAAGAAAAAGCAAATTTTTTTTTTTATTTTTTTTCTGCTGTGACGTTTTAGTCCCAGACTGA
ATTCCAAATTTGCTCTAGTTTGGTTATGGAAAAAGACTTTTTGCCACTGAACTTGAGCCATCTGTGC
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AGAGTGTGTGCAAAAGCTTATTTCTTTTATCTGGGCAAAAATTA AACACACATTCTTGGAACAGAGCTA
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AAACTGACAAAATTTTTAAAAATATATAAAACACAAAATTAATAAAGTTGCTGGTCACTTATGTTG
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TCAGTTTTTGTAGTAAAGGCGTCACATGCAAAACAAAATGAATGAAACAGTCAAATGGTTTGCCTC
ATTCTCCAAGAGCCACAACCTCAAGCTGAACTGTGAAAGTGGTTAACACTGTATCCTAGGCGATCTTTT
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TTTGATCACTTAGAAATTTTATTTCTTATAACTTAAGTGAATAAAATGTGTTTTTTCATGTTAGTA
TGCTGTTTCTTCCACTGAAGTAATAATCTTCAATATAAGTATTTAGGATTTGTCTATAATATTTAAA
TAAGCAAAATCTTGGTTTCTTGCATCCTGCTGTGTGACATAGAAATCAATACTTCAAGCCTGTTTTAT
ACCGCGAAAGTAAGGATAATGTGCTGCAACTGCAATTTTATTTCTCTCCTAGACTATGAAGGAGGACA
CTCCACTGTGCTCATCTCTGTAGATTGCATTGGGGTGATAAAATGAAATCTGGTTCCCTCAAAGAAAT
CCACAAAATTTTGTGATAATTACAACCTAGAAGCCTTATAAATAACAAATTCATTTTGAATTTTGAC
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_018315.5](#)

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 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 was previously referred to as FBX30, and belongs to the Fbws class; in addition to an F-box, this protein contains 7 tandem WD40 repeats. This protein binds directly to cyclin E and probably targets cyclin E for ubiquitin-mediated degradation. Mutations in this gene are detected in ovarian and breast cancer cell lines, implicating the gene's potential role in the pathogenesis of human cancers. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]

Locus ID:

55294

MW:

78.4