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Product datasheet for MC206754

Fbxw11 (BC034261) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxw11 (BC034261) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxw11
Synonyms:	HOS, mKIAA0696, BTRC2, BTRCP2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC034261

GGCCGCCGGGGCCGCCATGGAGCCCGACTCGGTGATTGAAGACAAGACCATCGAGCTCATGTGTTCTGTG
CCAAGGTCTTTGTGGCTAGGCTGCGCCAACCTGGTAGAGAGCATGTGCGCACTGAGTTGCCTGCAGAGCA
TGCCCAGTGTCAGATGTCTCCAGAACACTTCAGTTATGGAAGATCAAAATGAAGATGAGTCCCCAAAGAA
AAGTGCTCTTTGGCAGATCAGTAATGGAACGTCATCTGTGATTGTCTCCAGAAAGAGGCCGTCAGAGGGG
AACTACCAGAAAGAAAAGGACTTGTGCATTAAGTACTTTGACCAGTGGTCTGAATCAGATCAGGTGGAAT
TTGTGGAGCATCTTATCTCACGGATGTGTCATTATCAGCATGGACATATTAACTCTTACCTGAAGCCCAT
GTTGCAGCGGGACTTTATCACTGCTTTACCAGAGCAAGGCTTAGATCACATAGCAGAAAACATTCTCTCC
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AGAGGATCCAGTGCCGCTCTGAAAATAGTAAGGGTGTCTACTGTTTGCAATATGATGATGACAAAATTAT
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GGCCACACAGGCTCTGTCCTCTGCCTCCAGTATGATGAGCGAGTCATTGTAACTGGTTCTTCAGACTCCA
CGGTGAGAGTCTGGGATGTGAACACTGGTGAGGTGCTCAACACACTCATCCACCACAATGAAGCCGTACT
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GTTTGTCCGCACTCTGAATGGGCACAAGCGAGGCATCGCCTGTCTGCAGTACCGCGACCGGCTTGTTGTT
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CAGAACCTACACCTATATCTCCAGATAGCAGCCTGCACTTTGGCCCAATCTGGGTTTCCTGGTCTTGAAC
TACTGGCTATATGGCTATCACATGCCTAAGGGAGTTCGTTCACAGCTGAGTTTGGGGCTGGACTGGTTCC

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AGATGCTGGGTAGATACAGAGCAGCCCCACCCCTCAAGCCCTGACATTCTCACTGCACCCCAGCTCTACT
TGGAGAAGGACTCCTTAGCTCTCCACTGCAAGTAGAGCAGCAGCTCATGTCCCTCCCTTCAGTGAAGACC
CCAGCGCTTCCCATGCACACGTTCCCACGAAGGACACAGCAAGGACTGTCAGGAGAAGCCCTGCTTCTAA
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GTCACCGTCGCTCTGACGTGCATAGGAATGTGTCGGACAATGGGCAGATCTGGATTATCTTAGTATTTTT
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CCTTTATCCGAGTGCTTGCCTCCTAATTTAAAATACTGTATCCGCATGTAGATAGAGTGTACATAACAGT
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TGTGGAGCAGGTCAGCTGGCCAGAGCCCTCATTAGGGACAAGGCACTCCTCTGTGTGTGGGGCACAGCCT
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CATTCTCACATGCTTCCATGTTTGTTTCTGAGAGGTGGGGGCTCAAATGTATAGAAAGTAGGCCCCAGTC
CATAAGGAGGTGTGAACACACCCCCTTACTGCTTATCACCCATTTGACAGGAACGCCCAGGAGGAGAGGG
GGAGGGGAAGAGGTGAGTTCTGCACAGTCGGACATTTCTGTTGCTTTTGCATGTTTAATATAGACGTTCC
TGTCGATCCTTGGGAGATCATGGCCTTCAGATATGCACACGACCTTTGAATTGTGCCTACTAATTATAGC
AGGGGACTTGGGTACCCAAGGAATTCCAATTTCTGGGATTACAGTAGTAATTCCCAGCTGTACTCTGGAC
TTGATTTTGCTAACTGTAACTGAGCAACTGTAAATTACTGCTATATTAATGTGTTAAAGCACTGGGGTAG
TCTAATTCTAACTGGTAATTATGTTTGCCAATTATCTGTTTGAAATAAATATGTGTCTGAACAGCTATTG
AAACTGTTAAATTGTACAGATATTATCATGACGGCTTTGTACTGTGGAATGTGCTTAATAAAAACAAAAG
TTTGACCTTTGTCCAATAAATTGCTAAGTAATGTCAATAAATCAAGATGAGTATTATGCAGTACACCTGA
CCTGGCTTCCTGGCGATTGTTACTTCAGCTACTGATTCAAGCCAATCCTCTAAATAAAGTGTTGCAGTGC
TCCTCTGTTCTGTCACATTTCTCAGAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC034261

Insert Size: 1692 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:
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: BC034261, AAH34261

RefSeq Size: 4030 bp

RefSeq ORF: 1692 bp

Locus ID: 103583

Cytogenetics: 11 A4

Gene Summary: Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins. SCF(FBXW11) mediates the ubiquitination of phosphorylated CTNNB1 and participates in Wnt signaling. SCF(FBXW11) mediates the ubiquitination of phosphorylated NFKBIA, which degradation frees the associated NFKB1 to translocate into the nucleus and to activate transcription. SCF(FBXW11) mediates the ubiquitination of IFNAR1. SCF(FBXW11) mediates the ubiquitination of CEP68; this is required for centriole separation during mitosis (By similarity). Involved in the oxidative stress-induced a ubiquitin-mediated decrease in RCAN1. Mediates the degradation of CDC25A induced by ionizing radiation in cells progressing through S phase and thus may function in the intra-S-phase checkpoint. Has an essential role in the control of the clock-dependent transcription via degradation of phosphorylated PER1 and phosphorylated PER2. SCF(FBXW11) mediates the ubiquitination of CYTH1, and probably CYTH2 (By similarity).[UniProtKB/Swiss-Prot Function]