

Product datasheet for **SC310293**

beta TRCP2 (FBXW11) (NM_033644) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	beta TRCP2 (FBXW11) (NM_033644) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXW11
Synonyms:	BTRC2; BTRCP2; FBW1B; Fbw11; FBXW1B; Hos; NEDJED
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC310293 representing NM_033644.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGCCCGACTCGGTGATTGAGGACAAGACCATCGAGCTCATGAACACTTCAGTTATGGAAGATCAA
AATGAAGATGAGTCCCAAGAAAAAATACTCTTTGGCAGATAAGTAATGGAACATCATCTGTGATCGTC
TCCAGAAAAGAGGCCATCAGAAGGAAACTATCAAAAAGAAAAAGACTTGTGTATTAATATTTTGACCAG
TGGTCTGAATCAGATCAAGTGGAAATTTGTGGAACATCTTATTTACGAATGTGTCTATTATCAGCATGGA
CATATTAACTCTTACCTGAAGCCCATGTTGCAGCGGGACTTTATTACCGCTTTACCAGAGCAAGGCTTA
GATCACATAGCAGAAAACATTCTTTCTGACCTGGATGCCAGGTCTCTGTGTGCAGCAGAGCTGGTATGT
AAAGAATGGCAGCGAGTGATCTCAGAAGGAATGCTTTGGAAGAAGCTGATTGAACGAATGGTACGCACT
GATCCCCTATGGAAGGACTTTTCAGAAAAGAGGGTGGGATCAGTACCTGTTTAAAAACAGACCCACA
GATGGCCCTCAAATTCATTTTATAGGTCATTATACCAAAGATTATCCAGGATATAGAGACTATAGAA
TCTAACTGGCGGTGTGGACGACACAACCTGCAGAGGATTCAGTGCCGCTCTGAAAATAGTAAAGGTGC
TACTGTTTACAGTACGATGATGAAAAAATATCAGTGGCCTACGAGATAATTCTATTAAGATATGGGAT
AAAACCAGCCTGGAATGTTTGAAGTGTTAACAGGACACACAGGCTCTGTCTGTCTGCAGTATGAT
GAGCGTGTCAATTGAACTGGCTCTTCAGATTCTACGGTGAGAGTGTGGGATGTGAACACGGGTGAAGTT
CTTAACACATTGATCCACCACAATGAGGCTGTATTGCACCTTACGCTTCAGCAATGGACTGATGGTGACC
TGTTCCAAGGACCGCTCCATTGCTGTGTGGGACATGGCTTCTGCGACCGACATCACTTTACGCCGTGTC
CTGTTGGCCACCGGGCTGCCGTCATGTAGTAGACTTTGACGACAAGTACATCGTGTCTGCCTCTGGT
GACAGGACCATCAAAGTCTGGAGCACGAGCACCTGTGAATTTGTTCTGACTCTCAATGGGCACAAGCGG
GGCATTGCCTGTCTCCAGTACAGGGATCGCCTGGTTGTTAGTGGATCATCAGATAATACCATTAGGCTC
TGGGATATTGAATGTGGTGCCTGTTTAAAGAGTCTTAGAGGGACATGAAGAATTGGTCCGATGCATCCGG
TTTGATAACAAGAGGATTGTCAAGTGGGGCTATGATGGGAAAATTAAGTTTGGGACTTGAAGCTGCT
CTTGACCTCGAGCCCCAGCAAGCACATTGTGTTTGCACATTGGTGGAACTTCTGGACGTGTGTTT
CGGCTCCAGTTTGTGAGTTTTCAGATCATCAGCAGCTCCCATGATGACACTATTTTGATTTGGGATTTT
TTAAATGTGCCTCCAGTGCCAGATGAGACCGTTCTCCCTCCAGAACATACACTTACATCTCTAGA
TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:

ACCN: NM_033644

Insert Size: 1590 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).

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:

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_033644.2](#)

RefSeq Size: 4536 bp

RefSeq ORF: 1590 bp

Locus ID: 23291

UniProt ID: [Q9UKB1](#)

Cytogenetics: 5q35.1

Domains: WD40, F-box

Protein Families: Druggable Genome

Protein Pathways: Hedgehog signaling pathway, Oocyte meiosis, Ubiquitin mediated proteolysis, Wnt signaling pathway

MW: 60.9 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 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 Fbws class and, in addition to an F-box, contains multiple WD40 repeats. This gene contains at least 14 exons, and its alternative splicing generates 3 transcript variants diverging at the presence/absence of two alternate exons. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) has multiple differences in the coding region but maintains the reading frame, compared to variant 3. This variant encodes a shorter isoform (B), compared to isoform C.