

Product datasheet for **RN208422**

Fbxw2 (NM_001107835) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxw2 (NM_001107835) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fbxw2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208422 representing NM_001107835
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGAGAAAGGACTTTGAGACATGGCTTGATAACATTTCTGTTACATTTCTTTCTCTGACGGACTTGC
 AGAAAAATGAAACTCTGGACCACCTGATTAGTCTGAGTGGGGCAGTCCAGCTCAGGCATCTCTCCAATAA
 CCTGGAGACTCTCCTCAAGCGGGACTTCTCAAACCTTCCCTGGAGCTCAGTTTTTATTTGTTAAAA
 TGGCTCGATCCTCAGACTTTGCTCACATGCTGCCTGGTCTCTAAGCAGTGAATAAGGTGATAAGTGCTT
 GCACAGAGGTGTGGCAGACTGCATGTAATAAATTTGGGCTGGCAAATAGATGATTCTGTTACAGGACGATT
 GCACTGGAAGAAGGTTTACTTGAAGGCTATTTGAGGATGAAGCAACTGGAGGACCATGAAGCCTTTGAG
 ACCTCATCATTAAATTGGACATAGTCCAGAGTGTATGCACTTTACTACAAGGATGGACTTCTCTGTACAG
 GGTGAGATGATTTGTCTGCAAAGCTGTGGGATGTAAGCACAGGGCAGTGTGTTTACGGCATCCAGACCCA
 CACTTGTGCAGCCGTGAAGTTTCGATGAACAGAAGCTTGTGACAGGCTCCTTTGACAACACTGTGGCCTGC
 TGGGAATGGAGTCCGGAGCCAGGACCCAGCACTTCCGGGGGCACACAGGGCGGTGTTCAAGTGTGGACT
 ACAGTGTGAAGTGGATATTTTGGTGTGAGTGGCTCTGCGGACTTCGCTGTGAAAGTATGGGCTTTATCTGC
 TGGGACATGCCTGAACACACTCACTGGGCACACAGAATGGGTACCAAGGTGGTTCTGCAGCAGTGCAAA
 GTCAAGTCTCTCTTGACAGCCCTGGGGACTACATCCTTTAAGTGCAGACAAGTACGAGATCAAGATTT
 GGCCAATTGGGAGAGAAATCAACTGTAAGTGCTTAAAGACATTGTCTGTCTCTGAGGATAGAAGTATCTG
 CCTACAGCCAAGACTTCATTTTGTGAAAATACATTGTCTGTAGTTCAGCCCTGGGTCTGTACCAAGTGG
 GACTTTGCCAGTTATGATATCCTCAGGGTCAAGACACCTGAGGTAGCAAACCTGGCCTTGTCTGGCT
 TTGGAGATGTCTTCGCTCTGCTGTTTGAACAACCACTACCTATACATCATGGACTTGAGGACAGAGAGCCT
 AATTAGCCGCTGGCCTCTGCCAGAGTACAGGAAATCAAAGAGAGGCTCCAGCTTCCCTGGCAGGCGAAGCG
 TCTGGCTGAATGGACTGGATGGGCACAATGACACGGGCTTAGTCTTTGCTACCAGCATGCCTGACCACA
 GTATTCACCTGGTTTTATGGAAGGAGCATGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107835

Insert Size: 1365 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: [NM_001107835.2](#), [NP_001101305.1](#)

RefSeq Size: 1929 bp

RefSeq ORF: 1365 bp

Locus ID: 311881

UniProt ID: [B2RZ17](#)

Cytogenetics: 3p11

Gene Summary: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.[UniProtKB/Swiss-Prot Function]