

Product datasheet for **RR208422**

Fbxw2 (NM_001107835) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR208422 representing NM_001107835
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGAGAAAGGACTTTGAGACATGGCTTGATAACATTTCTGTTACATTTCTTTCTCTGACGGACTTGC
 AGAAAAATGAAACTCTGGACCACCTGATTAGTCTGAGTGGGGCAGTCCAGCTCAGGCATCTCTCCAATAA
 CCTGGAGACTCTCCTCAAGCGGGACTTCTCAAACCTTCCCCTGGAGCTCAGTTTTTATTGTTAAAA
 TGGCTCGATCCTCAGACTTTGCTCACATGCTGCCTGGTCTCTAAGCAGTGAATAAGGTGATAAGTGCCT
 GCACAGAGGTGTGGCAGACTGCATGTAATAATTTGGGCTGGCAAATAGATGATTCTGTTACAGGACGATT
 GCACTGGAAGAAGGTTTACTTGAAGGCTATTTGAGGATGAAGCAACTGGAGGACCATGAAGCCTTTGAG
 ACCTCATCATAATTGGACATAGTGCCAGAGTGTATGCACTTTACTACAAGGATGGACTTCTCTGTACAG
 GGTGAGATGATTTGTCTGCAAAGCTGTGGGATGAAGCACAGGGCAGTGTGTTTACGGCATCCAGACCCA
 CACTTGTGCAGCCGTGAAGTTCGATGAACAGAAGCTTGTGACAGGCTCCTTTGACAACACTGTGGCCTGC
 TGGGAATGGAGTTCGGAGCCAGGACCCAGCACTTCCGGGGGCACACAGGGCGGTGTTCAAGTGTGGACT
 ACAGTGTGAAGTGGATATTTGGTGTGAGTGGCTCTGCGGACTTCGCTGTGAAAGTATGGGCTTTATCTGC
 TGGGACATGCCTGAACACACTCACTGGGCACACAGAATGGGTACCAAGGTGGTCTGCAGCAGTGCAAA
 GTCAAGTCTCTCTGCACAGCCCTGGGGACTACATCCTTTAAGTGCAGACAAGTACGAGATCAAGATTT
 GGCCAATTGGGAGAGAAATCAACTGTAAGTGTCTAAAGACATTGTCTGTCTCTGAGGATAGAAGTATCTG
 CCTACAGCCAAGACTTCATTTTGTGAAAATACATTGTCTGTAGTTCAGCCCTGGGTCTGTACCAAGTGG
 GACTTTGCCAGTTATGATATCCTCAGGGTCAACAGACACCTGAGGTAGCAAACCTGGCCTTGTGGCTGC
 TTGGAGATGTCTCGCTGTCTGTTTGAACAACACTACCTATACATCATGGACTTGAGGACAGAGAGCCT
 AATTAGCCGCTGGCCTCTGCCAGAGTACAGGAAATCAAAGAGAGGCTCCAGCTTCTGGCAGGCGAAGCG
 TCTGGCTGAATGGACTGGATGGCACAATGACACGGGCTTAGTCTTTGCTACCAGCATGCCTGACCACA
 GTATTCACCTGGTTTTATGGAAGGAGCATGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208422 representing NM_001107835
 Red=Cloning site Green=Tags(s)

MERKDFETWLDNISVTFSLTDLQKNETLDHLISLSGAVQLRHLNLETLLKRDFLKLPLELSFYLLK
 WLDPQTLTCLVSKQWNKVISACTEVWQTACKNLGWQIDDSVQDALHWKVVYLKAILRMKQLEDHEAFE
 TSSLIGH SARVYALYYKDGLLCTGSDDL SAKLWDVSTGQCVYGIQTHTCAAVKFDEQKLVGTSFDNTVAC
 WEWSSGARTQHFRGHTGAVFSVDYSDEL DILVSGSADFVAVKVALSAGTCLNTLTGHTEWVTKVVLQOCK
 VKSLLHSPGDYILL SADKYEIKIWIPIGREINCKCLKTLSVSEDRSICLQPRLHFDGKYIVCSSALGLYQW
 DFASYDILRVIKTPEVANLALLGFGDVFALLFDNHLYIMDLRTESLISRWPLPEYRKS KRGS SFLAGEA
 SWLNGLDGHNDTGLVFAT SMPDHSIHLVLWKEHG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001107835

ORF Size: 1362 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

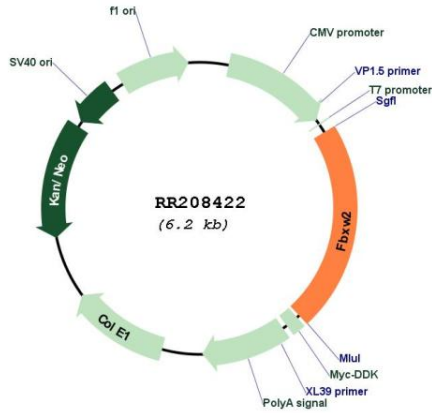
UniProt ID: [B2RZ17](#)

Cytogenetics: 3p11

MW: 51.4 kDa

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

Product images:



Circular map for RR208422