

Product datasheet for **MR207444**

Fbxw22 (NM_001014395) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Fbxw22
Synonyms:	EG382156; Gm5164
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR207444 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGTCTATTTACCTAGTTTGCCTATGATGAAAACTCTCTCTATCTGGATGCCTACAGTTTGCTAC
 AGGTTGCCCAAGTGAACAAGAACTGGAATGAAGTGAAGCAGTGATGTCTGTGGAGGAGGTTGTGTCA
 GAAGAGATGGTTCTACTGTGACATGGTCACCTACCGTCCATGGCAAAGACATGGAAGCAGTTCTTC
 ATTTACAGAACATGGCAAGAATGCCAAATCCCGGGCAAAGCAGAAGATTTCACTTACAAGGAAATTC
 CAGTGAAGTTTGAATTTGGGCACATCCATGTTATATCTCCAGGCATGGCTTAACAAGAAATGGACAAGG
 GAAGTCTGCTATCTGTATGGTGACTTCCGTGAACAGGATTTCTACCTGGGATATTCACGAGGGTGCTATG
 ACCTGGGTAAGCCAGTACAGCCCTCTATATCATGCAGATGACTACCCTCCCTGAGATGCACATTGCAG
 TCACGTAGATATGCAATCAACTATCAAATGTGGGACTGCCACAACAGGGAAGTTCTGGCAACTAAAGC
 CCTGTCCTTTTCTGTCAATTACTGCAAGCTGAATTTACTAAGGATGGCCCAATTGTCTTGGTAGGAGAT
 GTCTGTGGTAATCTCTACATCTTTAGGATTCCTGACTTATACCTCATTTCCAAGGTGAATGTATCCCAT
 ACAGTATTGATGAAGTCTACTGCTCTCTCAGAAAGAAATGGGTCTTTCTGATGGGGAAACGCTACATGA
 CTTGATAAAGGTGTTTTACATGAGCAGCTTACTGAGGCCATCAGAATTCCTAGCCCCGTGTCTACCGTT
 CTTGAAGTTCCACTAATCCGAAAAGTCTTCTGGACCCCAAGAAGGAAGACAGGATAACCCGTGATCTCCA
 CAGTTTCACCCCAAAACAACAAAGTTTGACACATTTGATATGAAGTTGGAAGGGATCGGGAACAAAGT
 AACTATTCAAGAATATTTGACAGCCAGCTTCTCGCTGGCAGAACGTGAGGGGAAACAGACTATTTTGA
 GTCAGTGATAAGGACGTGATTGTTTGTCAACTGGATCCTCTCTCTTGTCTTTCGACATAAATGGTCTCC
 GCCTGCAGACATTTCACTACTGCCAGAAGAGATCTGGAAGTATGGGTGGACCCTGTTTCATGTCATTGT
 CACCTGTAATGATGGTTCTTTGGATGTATATGCATGGGAGGAGAGAAGCCTGCTGCTAAGGAAGTGTAT
 CGACTACTAAATAGGAGATATCAGCCACCGTCTGCCTTCATTATTGAAACATTATGCGACGATGTGAGCA
 TAATTTTAGTGATGACTAATAGTCCCAACCCCTGCTGTCTGATAGCATATACCTTGAACGTCTGCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR207444 protein sequence
 Red=Cloning site Green=Tags(s)

MEVYLPSPMMKILSYLDAYSLLQVAQVNKNWELASSDVLWRRLCQKRWFYCDMVTLP LHGKETWKQFF
 IYRTWQEHAKSRAKPEDFTYKEIPVKFEFWAHPYISRHGLTRNGQKSAICMVTSVNRISTWDIHEGAM
 TWVSPVQPSYIMQMTTLP EMHIAVTVD MQSTIKLWDCHNREVLATKALSFSCQLLQAEFTKDGP IVLVGD
 VCGNLYIFRIPDLYLISKVNVFPYSIDELYCSPQKKWVFLMGKRLHDLIKVFYMSLLRPSEFSAPVSTV
 LEVPLIRKVFWTPRRDRITLSTVSPQNNTKFDTFDMKLEGIGNKVITIQEYLTASFSLAEREGKPDYFG
 VSDKDIVCSTGSSLLLF DINGLR LQT FQYCP EEIWKLVDPVHVIVTCNDGSLD VYAW EERSLLLRKCY
 RLLNRRYQPPSAFIETLCDDVSIILVMTNSPNPCCLIA YTLNVCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001014395

ORF Size: 1398 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:

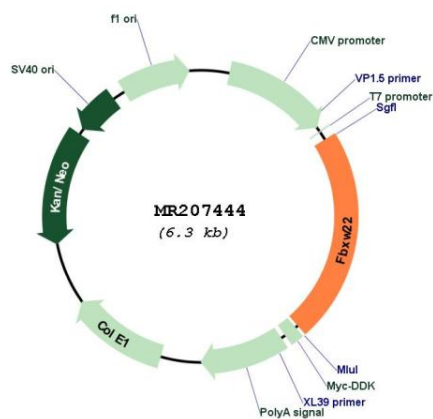
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001014395.1](#), [NM_001014395.2](#), [NP_001014417.1](#)

RefSeq Size:	1827 bp
RefSeq ORF:	1401 bp
Locus ID:	382156
Cytogenetics:	9 F2
MW:	54 kDa

Product images:



Circular map for MR207444