

Product datasheet for **MG219577**

Fbxw28 (NM_001177419) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxw28 (NM_001177419) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fbxw28
Synonyms:	668758; Gm9337
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG219577 representing NM_001177419
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGATCCATTACCTAGTGTGCCGATGATGGAATCCTCTCCTATCTGGATGCCTACAGTTTGCTAC
 AGGCTGCCAAGTGAACAAGAAGCTGGAATGAACTTGCAAGCAGTATGTCTGTGGAGGAAGTTGTGTCA
 GAAGAGATGGCTCTACTGTTACATGTTACCCTACCGCTCCATGGCTTAGAGACATGGAAGCAGTTCTTC
 TTTGACAAAACATGGCAAGAACACGCCAAGACCCGGGCAAAGCCAGAAGATTTCACTTACAAGGAATTTT
 CTGTGGAGTTTGAATTTGCGGCACATCCATGGTATATCTCAAGGCATGGCTTAACAAGAAATGGACAAGA
 AAAGTCTGCTGTGTATGACTTCCATGAACAGGATTTCTACCTGGGATATTCATGAGGGTGTATGACC
 TGGGAAAGTCCAAAACAGCCCTCTATATCGTATGGATGACTACCCTCCCTGAGATGCAAATTCAGTCA
 CTATAGATATGCAATCAACTATCAAACGTGGGACTGCCACAACAAGGAAGTTCTGGCGTCGAAAACGGG
 CCTGTTCTTTGGCTGTAATTAAGTCAATCTGAATTTACTAAGGATGGCCCGATTGTCTTGGTAGGTGAT
 GCCTGTGGTAATCTCTACATCTTTAGGATTCCTGACTTACACCTATTTCCAAGGTGAATGTATCCCAT
 ACAGTATTGATGAACTCTACTTCTCCTCAGAAGAAATGGGTCTTTCTGATAGGGCACCCGCTAAATGA
 CTTGACAAAGGTGTTTTACATGAGCAGCTTACTGAGGCCATCAGAATTCCTGCCCTGTGTCTACCGTT
 CTCAAAGTTCAGTAATCCGAAAAGTCTTCTGGACCCCAAGAAGGGAAGACAGGATAACCCTGATGTCTT
 TAATTTTACCCAAAACATCACAAAATTTGACACATTTGATATGAAGTTGGAAGGGATCGGGAACAAAGT
 AACTATTCAAGGATTTTACAGCCAGCTTCTCGCTGGCAGAAGATGAGGGGAGACCAGACTATTTTGA
 GTCAGTGATAAGGACGTGATTGTTTGTCAACTAGATTCTCTCTTGTCTTTGACATAAATGGTCTCC
 GTCTGCAGACATTTCACTACTGCCCAGAAGAGATCTGGAGACTATGGGTGGACCCTGTTTCATGTCATTGT
 CACTGTGATGCTGGCTCTTTGGATATATATGCATGGGAGAAGAGAAGCCTGCTACTAAGGAAGTGTAT
 CGACTACGAAATAGGAATTATCAGCAAATGTCTGGTTGGCGAGTTCAGTATTCTAAGCAGTGAAGAGG
 CCAAATTTGGTGGTGAACACCTTTCATCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG219577 representing NM_001177419
 Red=Cloning site Green=Tags(s)

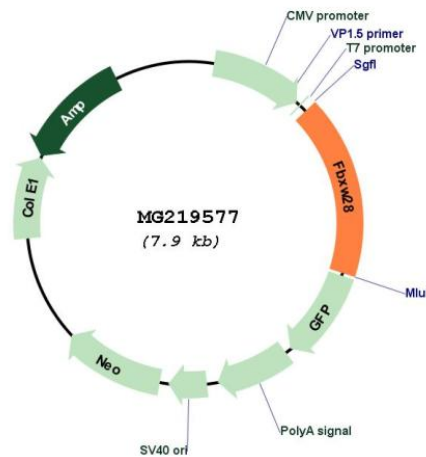
MEIHLPSVPMMEILSYLDAYSLLQAAQVNKNWNELESSDVLWRKLCQKRWLYCYMFTLPLHGLETWKQFF
 FDKTWQEHAKTRAKPEDFTYKEFPVEFEFRAHPWYISRHLTRNGQEKSAVCMTSMNRISTWDIHEGAMT
 WESPKQPSYIIVMTTLPQMIAVTIDMQSTIKLWDCHNKEVLASKTGLFFGCKLLQSEFTKDGPIVLVGD
 ACGNLYIFRIPDLHLISKVNVFPYSIDELYFSPQKKWVFLIGHRLNLDTKVVFYMSLLRPSEFSAPVSTV
 LKVPVIRKVFWTPRRDRITLMSLILPKNITKFDTFDMKLEIGNKVTIQGYLTASFSLAEDEGRPDYFG
 VSDKDIVCSTRFSLLLFDINGLRLQTFHYCPPEIWRLLWVDPVHVIVTCDAGSLDIYAWEKRSLLLRKCY
 RLRNRNYQQMSGLASSVILSSEEAKFGGEHLSS

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001177419

ORF Size: 1359 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:	<ol style="list-style-type: none">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:	<u>NM_001177419.1, NP_001170890.1</u>
RefSeq Size:	1678 bp
RefSeq ORF:	1362 bp
Locus ID:	668758
Cytogenetics:	9