

## Product datasheet for **MC220368**

### Flywch1 (NM\_153791) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Flywch1 (NM_153791) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Flywch1
Synonyms:	E030034P13Rik; mKIAA1552
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220368 representing NM\_153791  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCCTGCCTGAGCCAGTGAGCAGGACTGTGAGAGCCTGAGAGCTGGCCAGGAGCCATCTGTTGGAG  
 CCAGGAAGCCTCAAGAGTCTCCAATCTGGTCCCGGCCAGGGATAAAGAGAGACCAAGCCGACAGATGT  
 CCGCTCCAGGAGACGTCTAGCACTGCAACCCTACCGAACAACTCTCCAGTTGCACCAAGTCAAGAAG  
 CAAGGACGGATAATTCACCGGAAACGTAGTAGGGTAGATGCAGTTCTCCCCAGCCTCTGGAGTTCTGA  
 AGACCCCATTTGGGGGCCCTTCTGGTGCACAAGTATTCTGTACAAGCAAGAGAAGGCTGTGGGGGA  
 CAAGGTGTACTGGAAATGCCGCCAGCACTCAGAGCTAAGCTGCCGGGACGGGCCATCACCCGTGGCTTT  
 CGAGTCACAGAGATGCGGGACCACTGTACCCACCTGAGAAGGAGGGCCTGGACAGGAAAAAGGCCACA  
 GGGGAAGGCCCGCCAGCTCAGCCCTGCCTGAGGGCGCTGAAGTCCAAGAAGATGAAGTGAAGTATGGTT  
 GTACCCCTGTGGAGCCAGAACCTACTCCTCAGCCAAGCATTGAAACCCAGAGGAGGAGCAGGGGTACCGG  
 TCCTTGGCACTGCAGAGCCTGCCTCCCAAGAAACGCCCTACACCAGGAGTGGTACGGTATCGGCCTTTG  
 AGTTCTGAAGACTTGCTATGGGGGTACCTTCTGGTTTACCAGTCTTCTCTACAAGCGGGAAAAAGAC  
 GGTAGGAGGCAAGGTGTACTGGACCTGCCGGGAACATGCAGTCCATGGCTGCCGTAGCCGAGCCATCACC  
 CAGGGCCAGCGTGTGACAGTGTGCGCAGCCATTGCCACTCACCTGACATAGAAGCTTGCAGGCCCGGC  
 GACAGCAGGAGAAGACATAAAGAAGATACAGGCAAGGCGAATTGGGGCTGGGGACTTGGAGGATTGCGA  
 TGACATAGAGGACTCACTGCTGCAAGGAGTGGACAGCCTGTTCTACCGAAGAGGGCAGGGCACACTGACT  
 CTCAGTAGGTCCAAGTCCAAGTCCAAGTCCAAATCCAGGTCCAAGTCCAAGTCCAAGTCCAAGTCCAAGT  
 CTAGAAAAACAGCAAGAAGCAGCAGGAATCCTCGCAGGAGCCCCCAGGAGGACCAGGATGTAGACCC  
 CAGAGGCCAGAGTTCTTAAAAACCCCTTAGGGGGCAACTTCTGGTGTATGAGTCTTCTCTACAGA  
 CGGGAGAAAGTGCTGGTGAAGGTGTACTGGACCTGCCGGGACCAGGCACGCATGGGTTGTCGCAGCC  
 GCGCCATCACTCAGGGCAGGCGAGGTGACTGTGATGCGAAGCCACTGTCATCCACCAGACCTGTTAGGATT  
 GGAGACTCTGAGGACGCGGGAGAAACGCCAGGCCCTCTCAGTGGGATGGCCAGAAGGCCTGAGTTC  
 CTAAGACCCCTTAGGAGGCAGCTTCTGGTATATGAGTCTTCTCTACAGACGGAAAAAGCAACTG  
 GTGATAAGGTGTACTGGACCTGCCGGGACCAGGCACGCATGGGCTGTCGACGCCAGCTATCACACAGGG  
 CCAGCGGGTGTGGTGTGCGCAGGCACTGCCACCCACCGACATGGGTGGCCTGGAAGCCCTTCGGCAG  
 AGGGAGAACTTCCCTAACCTGACCCACTGGGAAGGCCAGAGCCCTGCAGCCACTGGAGTTCCTGCGGA  
 CATCCCTTGGAGCCCGTCTCTGGTGTATGAGTCTTCTGTACAGGAAGGAGAAGGCTGCTGGTGAAGAA  
 AGTGTACTGGATGTGTCGAGACCAGGCTCGGCTGGGCTGCCGACGCCAGCCATCACCCAGGGCCGCGG  
 GTCATGGTGTGCGGAGCCACTGCCACCCACCTGACCTGGCTGGCCTGGAGGCCCTGCGGACGCGGGAGA  
 AGGCCCCAGTGCAGCCAAGAAGAAAAAGAAAGAAGAAGAAGAAGAAGAAAGTATACAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_153791
- Insert Size:** 2022 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\\_153791.2](#), [NP\\_722486.2](#)

**RefSeq Size:** 2509 bp

**RefSeq ORF:** 2022 bp

**Locus ID:** 224613

**UniProt ID:** [Q8CI03](#)

**Cytogenetics:** 17 A3.3