

## Product datasheet for **SC105480**

### FLYWCH1 (NM\_032296) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | FLYWCH1 (NM_032296) Human Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | FLYWCH1                                  |
| Mammalian Cell Selection: | None                                     |
| Vector:                   | <u>pCMV6-XL4</u>                         |
| E. coli Selection:        | Ampicillin (100 ug/mL)                   |



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_032296, the custom clone sequence may differ by one or more nucleotides

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ATGCCCTGCCGAGCCAGCGAGCAGGAGGGCGAGAGTGTGAAGCCGGCCAGGAGCCATCCCCAAGC
CAGGCACGGACGTCATCCCGGCAGCCCCAGGAAGCCAGGGAGTTCTCCAAACTGGTGCTGCTCACAGC
CTCCGACCAAGATGAGGATGGGGTGGGATCCAAGCCCCAGGAAGTGCACCTGCGTCTGTCCCTGGAGATG
GCTGGCCCCGCCACCCTCGCCAGCACCTTGAGATCCTGCCAGTTGAGGAGCAGGGAGGGGTGGTCCAGC
CAGCCCTAGAGATGCCTGAACAGAAGTGCAGCAAGCTGGATGCAGCCCTCAGTCCCTGGAGTTCCTGAG
GACACCATTGGGGGCCCTCCTGGTGTGGAGTCTTCTGTACAAGCAGGAGAAGGCAGTGGGGGAC
AAGGTGTACTGGAAGTGCCGCAACATGCTGAGCTGGGCTGCCGGGGCCGGGCCATACCCGAGGCTGC
GGGCCACAGTGTGCGGGGCCACTGCCACGCGCCGATGAGCAAGGCCTGGAGGCCCGGCCAGAGGGA
GAAACTGCCAGCCTGGCCCTGCCAGAGGGCTTGGGAGAGCCCCAGGGTCTGAGGGCCCTGGAGGCCGA
GTGGAGGAGCCCCCTGGAGGGGTGGGCCGTGGCAGTGCCTGAGGAGCCGAGCCACTCTGGGCTGG
TGCTGAGCAAGCCGGCCCTGGAGGAGGAGGAGGCCACCCGAGCCCTGTCAGTGTGAGCCTGCCGCCAA
GAAGCGCTCGATCCTGGGGCTGGGACAGGCCCGGCCCTCGAGTTCCTGAGGACGTGCTACGGGGGAGC
TTCTTGGTACACGAGTCTTCTCTACAAGCGGAGAAGGCTGTGCGGGACAAGGTGATTGGACCTGCC
GGGACCACGCGCTGCACGGCTGCCGGAGCCGGGCCATACCCAGGGACAGCGGGTACTGTGATGCGTGG
GCACTGCCACCAGCCGATATGGAGGGCTGGAAGCCCGCGGCAGCAGGAGAAGGCCGTGGAGACGCTG
CAGGCTGGGCAGGACGGCCCTGGGAGCCAAGTGGACACGCTGCTCCGAGGCGTGGATAGTTTGTCTACC
GCAGGGGTCCGGTCCCCTGACTCTCACCAGGCCTCGGCCAGAAAGCGAGCAAAGGTGGAAGACCAGGA
GCTGCCAACCCAGCCCGAGGCCCCAGACGAGCACCAGGACATGGACGCAGACCCGGGAGGCCCTGAGTTC
CTGAAGACGCCCTGGGGGCGAGTTCCTGGTGTACGAGTCTTCTCTACCGCGGGAGAAGCGGGCTG
GGGAGAAGGTGATTGGACCTGCCGGGACCAGGCCCGCATGGGCTGCCGAGCCGCGCCATACCCAGGG
CCGACGGGTGACTGTCATGCGTGGTCACTGCCACCCGCCGACCTGGGAGGCCTGGAGGCCCTGAGGCAG
CGGGAGAAACGCCCAACACGGCGCAGCGGGGAGCCAGGAGGCCCGAGTTCTGAAGACGCCCTGG
GGGGCAGTTCCTGGTGTACGAGTCTTCTCTACCGCGGGAGAAGCGGCCGGGGAGAAGGTGATTG
GACCTGCCGGGACAGGCCCGCATGGGCTGCCGACGCCGCCATACCCAGGGCCGGCGGGTATGGTC
ATGCGCAGGCACTGCCACCCACCGACCTGGGCGGCTGGAGGCCCTGCCGACGGGAGCACTTCCCCA
ACCTGGCGCAGTGGGACAGCCAGATCCTCTCCGGCCCTGGAGTTCCTGAGGACTTCCCTGGGGGCGAG
GTTCTTGGTGCACGAGTCTTCTCTACAGGAAGGAGAAGCGGGCTGGGAGAAGGTGACTGGATGTGC
CGGGACCAGGCTCGGCTGGGCTGCCGACGCCCGCCATAACCCAGGGCCACCGCATATGGTTCATGCGCA
GCCACTGCCATAGCCTGACCTGGCAGGCTGGAGGCCTTGGAGCAACGGGAGCGGCTCCCCACCAGGC
CCAGCAGGAGGACCCAGAAAAGATTCAAGTTCAGCTGTGCTTCAAGACGTGTTCTCTGAAAGCCAGCAG
ATTTATGGGGACATCAAAGACGTCAGACTGGATGGCGAGTCCCAGTGA
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|                                     |  |
|-------------------------------------|--|
| <b>5' Read Nucleotide Sequence:</b> | >OriGene 5' read for NM_032296 unedited<br>NGGTCAGATTTTGTATACGACTACTATAGGCGGCCGCGACTTCGGCACGAGGCCCGAGCC<br>CTGTCACTGCTGAGCCTGCCGCCAAGAAGCGCTCGATCCTGGGGCTGGGACAGGCCCGG<br>CCCCTCGAGTTCTTGAGGACGTGCTACGGGGCAGCTTCTGGTACACGAGTCGTTCTC<br>TACAAGCGGGAGAAGGCTGTCGGGGACAAGGTGTATTGGACCTGCCGGGACCACGCGTG<br>CACGGCTGCCGGAGCCGGGCCATCACCCAGGGACAGCGGTGACTGTGATGCGTGGNGCA<br>CTGCCACCAGCCGATATGGAGGGCCTGGAAGCCCGCGGCAGCAGGAGAAGGCCGTGGA<br>GACGCTGCAGGCTGGGCAGGACGGCCCTGGGAGCCAAGTGGACACGCTGCTCCGAGGCGT<br>GGATAGTTTGTCTACCGCAGGGGTCCGGTCCCCTGACTCTCACAGGCCTCGGCCAG<br>AAAGCGAGCAAAGGTGCAAGACCAGGAGCTGCCAACCCAGCCGAGGCCCCAGACGAGCA<br>CCAGGACATGGACGACACCCGGGAGGCCCTGAGTTCTGAAGACGCCCTGGGGGGCAG<br>CTTCTGGTGTACGAGTCCTTCTACCGCGGGGAGAAGGCGGTGGGGAGAAAGTGTA<br>TTGGACCTGCCGGGACCAGGCCCGCATGGGGCTGCCGAGNCGGCCATACCCAGGCCGA<br>CGGGTACTGTGATGCGTGGTCACTGCCACCCGNCCGACCTGGGAGCCTGGAGGCCCTGA<br>AGCANCGAGAAAGCCCCAACCCGCGCAGGGGGAGCCCAAGACCTGGGGGTGGGCTGGG<br>GACCCGGCCCCACGAAACAGCAGGAACCCCACTGGCTTTCCTTTAGGGGGGGTCCCC<br>TGGAAAGGCCCTTCCCTTTTTTAAACCTAAAGGGACTA |
| <b>Restriction Sites:</b>           | NotI-NotI  |
| <b>ACCN:</b>                        | NM_032296  |
| <b>Insert Size:</b>                 | 3700 bp  |
| <b>OTI Disclaimer:</b>              | 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).   |
| <b>Components:</b>                  | 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).   |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>  |
| <b>RefSeq:</b>                      | <a href="#">NM_032296.2</a> , <a href="#">NP_115672.2</a>  |
| <b>RefSeq Size:</b>                 | 5009 bp  |
| <b>RefSeq ORF:</b>                  | 2148 bp  |
| <b>Locus ID:</b>                    | 84256  |
| <b>UniProt ID:</b>                  | <a href="#">Q4VC44</a>   |
| <b>Cytogenetics:</b>                | 16p13.3  |
| <b>Domains:</b>                     | FLYWCH   |