

## Product datasheet for **MC228997**

### **Fyb2 (NM\_001285952) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fyb2 (NM_001285952) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fyb2
Synonyms:	1700024P16Rik; ARAP; C1orf168; Gm620
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC228997 representing NM\_001285952  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGCCCGCCACCCGAGAGAGGGAGGAGCCACAGCCAGGTGGAGCAGGTGAGGAGCCCCGGCTCC  
 AGCTCCTCGGGACAGGCGAAGTGACTGCAAGCTGGCTGGCGGAGGCGAGAGCATTGTTGCCCCAGGAT  
 CCAACTCTGGGAAGCTGGCATTGTCTCCAGTCGCTGCCTAGGAGGACCAATGGAGGAGGAAGGGATA  
 AGAAACTCAAGGAACCTCGAGCCAAATTTCAAAGTTCAATGCTGCACCTCTCCAGGGCCAATGAGGT  
 TTCCAGCTGGCGTGTCTCGAAAGCATGACAGAGGTTCCACACAGCCAGCTCAGGATCTGGCTAATAGGAA  
 GTGCCCTCATCCACCATCATCAAACCCGCTCATTCTTCCACTGGAGTGTCCAGCCTCTTAAAAAC  
 CAGACATTGAAGTCGGCTCAGGGAGATGAACCTCAGAAGACTTCAAGTTCCTCGGAACTCCAGAAAAAT  
 CTACAGTGTCTCGAAAGGATTTCCAGAAAGCTGCCGTGCCATTGGATGTGACTAAATCAAGAGCTAA  
 GACATCCAACGAGGAGAAAGGAATGACTCTCAGTAGCTCAGATACAAGCTTTGGAAGTGGGAGAAAGTT  
 TCATCTCAGAATGGTGAATGTCCCCAGCTCCACTCCTTACCAATGGCGGGATTAAAGACCTTCCACTTTG  
 AAGGGCAGAAAACCATGGGGCTTGCTCAGGACAAAACAGAGAAGAGCCTGAAGGCAACAGGAGCCAGAC  
 TCTTCTCCCCAGAGCCATTTCGATGGCCAGAGAAAAATCACCCGTGACCTCCAAAGCCTCCAGTGTATCA  
 CTTCTCCACATAGCAGGAAGAGCACAAAAAGCCCTGCCACTGAGGGAAGCCACAGGAGCAGCCAATGCC  
 AGCCTGTTATGAGTGTGAACCTTGACAGCCTGGTTCAGAGAAGCCACAGAGCAGGCACTGCCGGCTTCC  
 CAAAACAAAACCACTGCCTTCCATTGAGACCCTCGGTCCACCTCCTCCGAAGCCTTCAAAGCCCCATTC  
 GTGAACCTATGCCTTCCACAGGCTGCCAGCTACTGTCACCAAGACCCCGAAAGAAGAGACTATGAAGG  
 AGGGTCCCCTGTCTCCAGATAGGAAGAAGACCTGCATGGATAAAGCTCAGCAGGCACTGGGAGGACAGCG  
 TCCTGGAGATGCAGCCAGCAATGACATGAGTGCAGAGTTGGAAGAAGCACATAATTATGACACGACAATT  
 TCGTATCTGAGACACTCTGGCACTCCATTAACTTGTGTGCTGAGGGAGAAAGTACTGAAGCCACTTATG  
 AAATTGAGATTGAAGAACTCCAAAAGCCTTGGAGGAGTTTTTTCCTTCCAGAAGTACTGATCCTAGACCTAA  
 AGAGGAAGAAAACACCATGGAGGAAAAGGAGTCGTGGGAATCGGAACCTCTGGAGCCAAGGAAGGAGTTA  
 CACCCTAGTCGTCTCCCAAGGTAGTTGTCTACAAAGAGACTCCAGGAAAAACCCAGATGGCTGGAGTCC  
 ATGAGGACAGAAGGAGTGTCCAGCTGGAAACAGGAAGCCATGACTGACATCATGCAGAACAGGCTCTT  
 CCCCAGGATGTGACGCTGACGAGGCATCCCAGGATAAGAGTGGTACGTGGAGGCTTTGGAGGTGACG  
 AAAGAAACGCCAAGTCCCAGCACCATTAGGTCAAGCTCCTCTTCCAGAGAAGACTTATGATGCCGTGGAGT  
 GCTCCAGAGAAGACGTACGAAAGTGGGACTTCTCCAGCTCATTACCTCAGACAGTGAAGAAAATTTGTA  
 AGAAATGTATGAAGATATCTACAAGCAAAGAACGATGATCCTAAAACAGAAGTACTGGGAGGACAGCA  
 CTGAGAAAAGTGCAGCAGATCTTCCAGGAAAAGAAACGTCGTGTTTCAAGTGAAGAAAACCAAGTCAAAG  
 AAATTGTCAGCAATGGATTTTCCGTGCTACTGCCTGACTTGGGACCTAGGTCTCAGGATGATTCTCAGGA  
 TGGTATCATCTACGATGATGTGGATACACGTGAGAAAGAATCAAACGATGAGGATAAAGTAAAAACTTGG  
 AAGACTAAGTTTTTGATACAAAAGGAAAAAAGTGGGGAAAGGAAGCCAGGGATCCAAAAGTTTTTCTC  
 CCAGACATTTCTCAGAACTAAGAAGCAAAAATTAGAAAAGAATAGAATGGAAAAAGAAGAAAAACTCTT  
 CAGAGAACGATTTCAAGTATGGTAAAGAAATCCTGGTCATTAACAGAGCTGTAGCGTGTGCCAGTAATTCA  
 CGAAATGGAAATGTTGATCTGCCAATAATTCTGGCGAACAGCTGGAAAGTCAATCGACACCCATGAGCAAA  
 ACCTAGTGATCTGTCGAATTCCAAAGGCAAAATATGGATATGTGCTCGTTGAACATCTAGATTTCAAGCA  
 TCAGGGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001285952  
**Insert Size:** 2460 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_001285952.1</a></u> , <u><a href="#">NP_001272881.1</a></u>
<b>RefSeq Size:</b>	3214 bp
<b>RefSeq ORF:</b>	2460 bp
<b>Locus ID:</b>	242594
<b>Cytogenetics:</b>	4 C6