

Product datasheet for **MC221664**

Fyb2 (NM_001162980) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fyb2 (NM_001162980) 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: >MC221664 representing NM_001162980
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGAGGCCCGCCACCCGAGAGAGGGAGGAGCCACAGCCAGGTGGAGCAGGTGAGGAGCCCCGGCTCC
 AGTCCTCCGGGACAGGCGAAGTGACTGCAAGCTGGCTGGCGGAGGCGAGAGCATTGTTGGCCCCAGGAT
 CCAACTCTGGGAAGCTGGCATTGTCTCCAGTCGCTGCCTAGGAGGACCAATGGAGGAGGAAGGGATA
 AGAAACTTCAAGGAACCTCGAGCCAAATTTCAAAGTTCAATGCTGCACCTCTTCCAGGGCCAATGAGGT
 TTCCAGCTGGCGTGTCTCGAAAGCATGACAGAGGTTCCACACAGCCAGCTCAGGATCTGGCTAATAGGAA
 GTGCTCTCATCCACCATCATCAAAACCCGCTCTATTCTTCCACTGGAGTGTCCAGCCTCTTAAAAAC
 CAGACATTGAAGTCGGCTCAGGGAGATGAACCTCAGAAGACTTCAAGTTCTCGGAACTCCAGAAAAAT
 CTACAGTGTGCTCGAAAGGATTTCCAGAAAGCTGCCGTGCCATTGGATGTGACTAAATCAAGAGCTAA
 GACATCCAACGAGGAGAAAGGAATGACTCTCAGTAGCTTCAGATACAAGCTTTGGAAGTGGGAGAAAGTT
 TCATCTCAGAATGGTGAAATGTCCCGAGCTCCACTCCTTACCAATGGCGGGATTAAAGACCTTCCACTTTG
 AAGGGCAGAAAACCATGGGGCTTGCTCAGGACAAACCAGAGAAGAGCCTGAAGGCAACAGGAGCCCAGAC
 TCTTCTCCCCAGAGCCATTTCGATGGCCAGAGAAAAATCACCCGTGACCTCCAAAGCCTCCAGTGTATCA
 CTTCTCCACATAGCAGGAAGAGCACAAAAAGCCTGCCACTGAGGGAAGCCACAGGAGCAGCCAATGCC
 AGCCTGTTTATGAGTGTGAACCTTGACAGCCTGGTTCCAGAGAAGCCACAGAGCAGGCACTGCCGGCTTC
 CAAAACAAAACCACTGCCTTCCATTGAGACCCTCGGTCCACCTCCTCCGAAGCCTTCAAAGCCCCATTC
 GTGAACCTCTATGCCTTCCACAGGCTGCCAGCTACTGTACCAAGACCCGAAAGAAGAGACTATGAAGG
 AGGGTCCCCTGTCTCAGATAGTGACAGATTGGAAGAAGCACATAATTATGACACGACAATTTTCGTATCT
 GAGACACTCTGGCAACTCCATTAACTTGTGTGCTGAGGGAGAAAGTACTGAAGCCACTTATGAAATTGAG
 ATTGAAGAACTCCAAAAGCCTTGAGGAGTTTTTCTTCCAGAAGTGAAGTCTAGACCTAAAGAGGAAG
 AAAACACCATGGAGGAAAAGGAGTCGTGGGAATCGGAACCTCTGGAGCCAAGGAAGGAGTTACACCTAG
 TCGTCTCCCAAGGTAGTTGTCTACAAAGAGACTCCAGGAAAAACCCAGATGGCTGGAGTCCATGAGGAC
 AGAAGGAGTGTCCAGCTGGAACCCAGGAAGCCATGACTGACATCATGCAGAACAGGCTCTTCCCCGAGG
 ATGTGACGCTGACGAGGCATTCCAGGATAAGAGTGGGTACGTGGAGGCTTTGGAGGTGACGAAAGAAAC
 GCCAAGTCCCAGCACCATTAGGTCAAGCTCCTCTTCCAGAGAAGACTTATGATGCCGTGGAGTGTCCAGA
 GAAGAGCTACGAAAGTGGGACTTCTCCAGCTCATTACCTCAGACAGTGAAGAAAATTGTGAAGAAATGT
 ATGAAGATATCTACAAAGCAAAGACGATGATCCTAAACAGAAAGTAGCTGGGAGGACAGCACTGAGAAA
 ACTGCAGCAGATCTTCCAGGAAAGAAAACGTCGTGTTCCAGAATGAAGAAAACCAAGTCAAAAGAAATTGTC
 AGCAATGGATTTTCCGTGTCACTGCCTGACTTGGGACCTAGGTCTCAGGATGATTCTCAGGATGGTATCA
 TCTACGATGATGTGGATACACGTGAGAAAGAAATCAAACGATGAGGATAAAGTAAAAACTTGAAGACTAA
 GTTTTTGATACCAAAAGGAAAAAAGTGGGGGAAAGGAAGCCAGGGATCCAAAAGTTTTTCTCCAGACAT
 TTCTTCAGAACTAAGAAGCAAAAATTAGAAAAGAATAGAATGGAAAAAGAAAAAACTCTTCAGAGAAC
 GATTTTCAGTATGGTAAAGAAATCCTGGTCATTAAACAGAGCTGTAGCGTGTGCCAGTAATTCAGAAATGG
 AATGTTTGATCTGCCAATAATTCTGGCGAACAGCTGGAAGTCATCGACACCACTGAGCAAAACCTAGTG
 ATCTGTGCAATTCCAAAGGCAAATATGGATATGTGCTCGTTGAACATCTAGATTTCAAGCATCAGGGCT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001162980
Insert Size: 2382 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001162980.1, NP_001156452.1</u>
RefSeq Size:	3136 bp
RefSeq ORF:	2382 bp
Locus ID:	242594
Cytogenetics:	4 C6