

Product datasheet for **MC228720**

Fyb2 (NM_001285953) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fyb2 (NM_001285953) 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: >MC228720 representing NM_001285953
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGGTTTCAGCTGGCGTGTCTCGAAAGCATGACAGAGTTCCACACAGCCAGCTCAGGATCTGGCTA
 ATAGGAAGTGCCTCTCATCCCACCATCATCAAACCCGCTCATTCTTCCACTGGAGTGTCCAGCCTCT
 TAAAAACAGACATTGAAGTCGGCTCAGGGAGATGAACCTCAGAAGACTTCAAGTTCCTCGGGAACCTCA
 GAAAAATCTACAGTGTGTCTGAAAGGATTTCCAGAAAGCTGCCGTGCCATTGGATGTGACTAAATCAA
 GAGCTAAGACATCCAACGAGGAGAAAGGAATGACTCTCAGTAGCTTCAGATACAAGCTTTGGAAGTGGGA
 GAAAGTTTCATCTCAGAATGGTGAATGTCCCAGCTCCACTCCTTACCAATGGCGGGATTAAGACCTTC
 CACTTTGAAGGGCAGAAAACCATGGGGCTTGCTCAGGACAAACAGAGAAGAGCCTGAAGGCAACAGGAG
 CCCAGACTCTTCTCCCAGAGCCATTCGATGGCCAGAGAAAATCACCCGTGACCTCCAAAGCCTCCAG
 TGTATCACTTCTCCACATAGCAGGAAGAGCACAAAAAGCCCTGCCACTGAGGGAAGCCACAGGAGCAGC
 CAATGCCAGCCTGTTTATGAGTGTGAACCTTGACAGCCTGGTTCAGAGAAGCCACAGAGCAGGCACTGCC
 GGCTTCCCAAAACAAAACCACTGCCTTCCATTGAGACCCTCGGTCCACCTCCTCCGAAGCCTTCAAAGCC
 CCCATTCGTGAACCTCTATGCCTTCCACAGGCTGCCAGCTACTGTACCAAGACCCCGAAAGAAGAGACT
 ATGAAGGAGGGTCCCCTGTCTCCAGATAGTGCAGAGTTGGAAGAAGCACATAATTATGACACGACATTT
 CGTATCTGAGACACTCTGGCACTCCATTAACCTTGTGTGCTGAGGGAGAAAGTACTGAAGCCACTTATGA
 AATTGAGATTGAAGAATCCAAAAGCCTTGGAGGAGTTTTTCTTCCAGAACTGAGTCTTAGACCTAAA
 GAGGAAGAAAACCATGGAGGAAAAGGAGTCGTGGGAATCGGAACCTCTGGAGCCAAGGAAGGAGTTAC
 ACCCTAGTCGTCTCCCAAGGTAGTTGTCTACAAAGAGACTCCAGGAAAACCCAGATGGCTGGAGTCCA
 TGAGGACAGAAGGAGTGTGCCAGCTGGAACACAGGAAGCCATGACTGACATCATGCAGAACAGGCTCTTC
 CCCGAGGATGTACGCTGACGAGGCAATCCAGGATAAGAGTGGGTACGTGGAGGCTTTGGAGGTGACGA
 AAGAAACGCCAAGTCCCAGCACCATTAGGTCAAGCTCCTCTTCCAGAGAAGACTTATGATGCCGTGGAGTG
 CTCCAGAGAAGACGTACGAAAGTGGGACTTCTCCAGCTCATTACCTCAGACAGTGAAGAAAATTGTGAA
 GAAATGTATGAAGATATCTACAAAGCAAAGAACGATGATCCTAAAACAGAAGTAGCTGGGAGGACAGCAC
 TGAGAAAACGACGAGATCTTCAGGAAAGAAAACGTCGTGTTTCCAGATGAAGAAAACCAAGTCAAAAGA
 AATTGTCAGCAATGGATTTTCCGTGTCACTGCCTGACTTGGGACCTAGGTCTCAGGATGATTCTCAGGAT
 GGTATCATCTACGATGATGTGGATACACGTGAGAAAGAATCAAACGATGAGGATAAGTAAAAAATTGGA
 AGACTAAGTTTTTGATACAAAAGGAAAAAAGTGGGGGAAAGGAAGCCAGGGATCCAAAAGTTTTTCTCC
 CAGACATTTCTTCAAGTAAGAAGCAAAAATTAGAAAAGAATAGAATGGAAAAAGAAAAAATCTTTC
 AGAGAACGATTTTCAAGTATGGTAAAGAAATCCTGGTCATTAACAGAGCTGTAGCGTGTGCCAGTAATTCAC
 GAAATGGAATGTTTGATCTGCCAATAATTCCTGGCGAACAGCTGGAAGTCATCGACACCACTGAGCAAAA
 CCTAGTGATCTGTCGCAATTCAAAGGCAAAATATGGATATGTGCTCGTTGAACATCTAGATTTCAAGCAT
 CAGGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001285953
Insert Size: 2109 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001285953.1, NP_001272882.1</u>
RefSeq Size:	3069 bp
RefSeq ORF:	2109 bp
Locus ID:	242594
Cytogenetics:	4 C6