

Product datasheet for **MC221804**

Fyb (NM_011815) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fyb (NM_011815) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fyb
Synonyms:	A; ADAP; B630013F22Rik; FYB-120/130; Fyb1; p120/130; p120/p130; Slap130
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221804 representing NM_011815
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGAAGTTCAACACGGGGAGTAACCCGACAGAGGAGGCCACCAGCAGCAGGCCCTTCAAAGTTG
 CAGGACAAAGCTCGCCTTCTGGAATACAATCAAGAAAGAATTTATTTGACAACCAAGGAAATGCCAGCCC
 GCCCGCAGGACCCAGCAGCATGCCTAAATTTGGGACCACAAAACACCCTTGGCAGCGAAACCTACCTAC
 GAGGAGAAGCCTGAGAAGGAACCTAAACCCCGTTTTTAAAACTACTGGAGGGAGCCAAAGATTTGGAA
 CACAGCCAAACTCAGTTTCTAGAGACCCTGAGGTCAAAGTGGGGTTCTGAAACCTGTAAGCCCCAAACC
 CACCAGCTTGACCAAAGAAGATTCAAACCTGTGGTTTTACGGCCACCTGGGAATAAACTTCACAATTTG
 AACCAAGAGTCTGACTTAAAGACGCCAGGACCGAAGCCAGGGCCCGCTCCCCAGTCCAGAAAACGAAC
 TGAAGCCAGGATTCTCAAAGGTAGCTGGAGCTAAGAGCAAGTTTCATGCCAGCGGCACAAGATACTGACTC
 CAAACCCCGATTTCCAGACACACCTTTGGCCAGAAGCCATCCCTAAGCACAGAGGACTCCAGGAAGAG
 AACACTTCTAAGAACGTGCCTGTCCAGAAAGGATCCCCAGTGCAGTTGGGCGCCAAGTCCAAGGGCGCCC
 CTTTCAAACCACCTAAGGAAGACCCAGAGGATAAAGACCATGGAGCACCAGTTCACCCTTTCTGGAGT
 GGTCTGAAACCTGCTGCGAGCAGAGGGAGCCGGGTCTCTCAAACCTTTGAAGAAAAAAGAAGAT
 AGGAAAACAGACCTTGCAAAGAACATCTTTCTGAACAACTGAATCAAGAAGAGCCGGCCAGATTCCTA
 AGGCCCTTCAAAGCTGACAGCGGGGACACCGTGGGGCCAAAGTCAGGAGAAAGAAGGAGACAAGAATTC
 TGCAACCCCGAAGCAGAAGGCCCTGCCACCCCTGTCCGTCTTGGGCCCGCTCCACCAAGCCCAACAGA
 CCACCAACGTTGACCTGACCAGATTCGAAAGGCTGACTCTGCAACAGTGCACCAAAAAGCCAGACAC
 CTTACTCGACAACCTCCCTGCCACCACCTCCGCCACACATCCAGCCAGCCAGCCACCTCTGCCAGCGTC
 TCACCCAGCGCATCCGCCAGTCCCGCAGCTGCCCGCCAGAAACATCAAACCTCCCTTGACCTGAAACAT
 CCTATAAATGACGAAAATCAAGATGGTGTGATGACTCTGATGGTACTGGAAATCTAGAAGGAACAAG
 AGAGTGAAGGGGAAACATACGAAGACATAGATTCTAAGGAACGAGACAAGAAACGGGAAAAAGAAGA
 AAAGAAGAGGTTGGAACAGAACGAAAGGAGCAGAAGGAGAGAGAGAAGAAAGAGCAAGAAGTGAAGAAG
 AAATTCAGCTCACGGGCCCATTAAGTCATCCACCATGCAAAAGCCTGCTGCGATGTCAAAGGAGGAA
 AGAATGAGCTGAGCTTCAAACAAGGAGAGGACATTGAGATTATCCGCATCACAGACAACCCAGAAGGAAA
 ATGGCTGGGCAGGACTGCAAGGGGGTATATGGTTATATTAACAACCTGCCGTGGAGATTGACTATGAT
 TCGCTGAAACGGAAGAAGAACTCCCTCAATGCTGTCCACCAAGACTTGTGAAGATGACCAGGATGTCT
 ATGATGATGTGGCTGAGCAGGATGCCCTAACAGCCACGGTCAGAGCGGAAGTGGAGGGATGTTCCCCC
 GCCACCAACAGACGACGAGATCTATGACGGAATAGAGGAGGAAGATGATGACGATGGATCCGTGCCACAG
 GTTGACGAGAAGACTAACGCATGGTCTGGGGATTTTGAAGATGTTAAAGGGAAAAGATGACAGAAAGA
 AAAGCATTCGAGAGAAACCTAAAGTCTCTGAATCAGACAATAATGAAGGTTTCATCTCCCTTCTCAGCA
 TAAGCAACTGGATGTGGGAGAAGAAGTTTACGATGATGTGGATGCCTCAGACTTCCCTCTCCACCTGCA
 GAGATGAGTCAAGGAATGAGTGTGGAAGGGCAAAAACGGAAGAGAAAGATCCCAAGAAGCTAAAAAAGC
 AAGAAAAGGAAGAAAAGACCTCAGGAAAAATTTAAGTACGACGGTGAATTCGAGTTCTATATCAAC
 TAAAGTTGCGTCTCCTTAACCTCTAAAAAGTGGGGAGCGAGAGATCTGCAGATAAAACCTGGGGAGTCA
 CTCGAAGTTATACAAAGCACAGATGACACCAAAGTTCTCTGCAGGAATGAAGAGGGCAAATATGGTTATG
 TCCTTCGGAGTTACCTGGTGACAATGATGGAGAAATCTATGACGACATCGCTGATGGTTGCATCTATGA
 CAATGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011815
Insert Size: 2460 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:	<ol style="list-style-type: none">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_011815.5 , NP_035945.1
RefSeq Size:	4997 bp
RefSeq ORF:	2460 bp
Locus ID:	23880
UniProt ID:	O35601
Cytogenetics:	15 A1
Gene Summary:	<p>The protein encoded by this gene is an adapter molecule that affects T cell receptor signaling and contains multiple protein-protein interaction domains. It is thought to couple T cell receptor stimulation with activation of integrin function. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>