

Product datasheet for **MC221521**

Fam193b (NM_145382) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam193b (NM_145382) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam193b
Synonyms:	IRIZIO; Kiaa1931
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221521 representing NM_145382
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAAAGCTCGTCAAGAATCTCTAGGCGAGATGCCTCTGTGGGTCTGCCAGAGCTGCCGAAAGAGCA
 TGGAGGAGGAGGAGAGGCAGACAGGTGGAGACCATGCAGTGGCGATCTCCTTGTCACACACATCCTGCAA
 ATCACAGTCTTGTGGGGTGACTCTCATTATCCTCGTCTCTTTCATCATCCTCATCTTCTCCTCCTCT
 TCCTGCCATGGAACTCAGGGGACTGGGATCCCAGCTCGTTCTGTGACACATAAGCTCTCAGGCCTCT
 GGAACCTCCCACACTCCAGCGGGCTGTGCCAGGCAGCTCGTTGGGAGTCTCCTGCCATCCTTGGTGA
 GGCTTTCCCTGTCTGGAGCACCACCAGCACTCAGACCTACTGCTCCCCCTAACAGCCCCACTGGTCT
 CCCCCCACCAGCATCTCTGATTCCTTCTCACCTGGTCTTTCAGCTCGGCGTCTACCCACCCCGC
 TGCCACCACCCAGTGGCACCTTCCCGCTCAGGCTTCAGAGTCCCCTATGGTGCTGCCACTGCCAC
 CCACCCCTCGGGCCATGTCAGAGCCCTCATCCGCCCTCACCAGCATGCCACTCTGAAGATGCCTCCA
 CCACTCTCGGGGTGCAGCCACCCCTGCAGCGGGCACTGCAGCGGGCACTGTGGTGGTCTCTTCTCCAC
 CACCGAGCTCTCAGCCGCTCCCTAGCACTCACAGCAGGGACCCTGGGTGCAAGGGGCACAAATTTGCACA
 CAGTGGCTGGCCTGTGAGGCAGATGAGGGTCTGGGCGAGGAAGAGGATAGCAGCTCTGAGCGCAGCTCT
 TGCACCTCGTCTCCACCACCCCGCATGGGAAGTTCTGTGACTGCTGCTACTGTGAGTTCTTCGGCC
 ACAATGCGCCACTCGTGCCTGACGAGCCGGAATTAATACTGAGATCCGGGAGAAGCTCCGCTCAAGGT
 GACCAGGCGAAAGAGGAGCTGCCATGAAGGGGGCACCTGGGCGGATCCCTGGGAGCCTGCGGTG
 GACCACCGAGATGTGGATGAGCTGCTGGAATTCATCAACAGCACGGAGCCAAAGTCCCCAACAGCGCCA
 GGGCTGCCAAGCGGGCCCGCACAAAGTGAAGAAAGAAAGAAAGAGAAGGCTCGTTGGCCAGAAGC
 TCTGAAGCAGGTGAATCGTGTTTCTGGAAGCCAGGAGCCAAAGCCCTGCCAGGGAGAGGCTCCTAGAGTGG
 CCTGACCAGAACTGGACCGCTCAATAGCTTCTTGTGAGCAGCCGCTTGCAGGAGATCAAGAGCACTGTCA
 AGGACTCCCTCTGTGCCAGCCTGAGTATGTGTGAGCTCAGCGTGGAGAGCAGTGGGTTTAAAGAGGGGAC
 TGTGGAAGCTCAGACCCTCACTCCTCAGACCTCAGTGGCTCCTCTCAGAAACGGCCTGACATCAACCTT
 GACCTGTCCCCTTTGACCTTGGGTTCCCCTCAGAGCCACACGTTACAAGCCCCAAGTGAACCACTCCAC
 CTTGGGCAGAAAGGAGAGACCCTACCCACCACCTGGACAGAGGTGAGGGGCCACCTCCTGGTATCCC
 TGAGAATGGGCTTGTGAGAAGACTCAACTGTGCCAACCTGTCCAGGGTGATCTGGGTCAAGACACCC
 AAGCCAGGCAACCAAGCTCTGAGGAAAGTTCAAAGGAAGTCCCAGTTGCAAACAGGAATTATCTGAGC
 CTGTGGCCACAGGTGGAAAGCCAAAAAGAGCAAGAGACAGGGAAGTCAAGCAAAGAAGACTTTGGCAAG
 TCCAGCCCCCTGGTACCCAGCAATCTAGAGGCTTCCGGTGCAGAGCCAGGTATCTAGCCCCAAGCAG
 CCCAGCAAGGGCTCAGAGCCTGCCAAAGTGGGCGTGGTGCAGAACCTGGAGAGGGCAGTCCGGGGAGCC
 GGCCAGGACCAATTCAGGCTGACAGCCCCAAAAGTGAAGAAGGGTAGTTTCTGGCAGAATTGGCCAGG
 TGGGGCAAGGCACGGACTCTGGAGCAGGAATCTGAGCAGACCCCTGGTCCAGCAAGGCCACAGAGCTTG
 TCCAAGGCAAGGGCCGAGCCCGGAGCCGAAACAAGCAGGAGAAGTCAAGCTCCTCCTTGGACGATG
 GTTCTGCCCCAAGACTTGGATGGGGTGGAGATGGATGAGACAGACCCAGAGGTGGAGTACTTCAAGAG
 GTTCTGTTTGGATTCTGCAAAGCAAAGTCTGAGAAAGTTGCTGTGAAGTGGACCAACTCAGCCTCAAG
 AAAACCACTCTAGCACAGCTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_145382
Insert Size: 2337 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_145382.4 , NP_663357.2
RefSeq Size:	4356 bp
RefSeq ORF:	2337 bp
Locus ID:	212483
UniProt ID:	Q3U2K0
Cytogenetics:	13 B1