

Product datasheet for **MC219315**

Fam117b (NM_001037725) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam117b (NM_001037725) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam117b
Synonyms:	2810425F24Rik; 6330416D14Rik; Als2cr13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219315 representing NM_001037725
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTCCCAGCGGGTGAGGCGCAATGGGTCTCCACGCCCCCGCGCCCTCGCGGGTGCGCGGTTCGGCC
 CGCCCGGGGGCCCTGGGAGCCGCTGCAGCCCATGAGGGCGACGGTGCCGTTCCAGCTGAAGCAGCAGCA
 GCAACATGGCAGCCCCACGCGGGGCGCGGCGGCGGCGGCAACAACGGAGGCAACGGAGGCGCCTCAGGC
 CCCTCGGGCGGGCGGCGAGTGGCGGCCCGCGCACCGCCTCACGCAGCACCAGCCCCACGCGCGGCGGCG
 GCGGCAGCGCGGGCGGCGGTACCAGCCCCACGGTGGCCACGCAGACGGGAGCGTCCGTGACGTCCACGCG
 CGGTACCAGCCCCACGCGCGGCACGGCGCCTGGGGCCGAAGCAGTCTCCGCGCCCGCAGCGGCCACCG
 CCCCTGCTGGGACCGTGTCTGCGCCAGTTCGTGCGCCACCCACCTGTGGCCGAGCGAGGTGATTGCGG
 CCCCACCTCCGCGCGGTCCGCCACCGGAGGAGTCCCAGAGCAGGGCCGACCCTCGGCGGAGAAGAG
 GAGCCCCAGCGCCCCGGTGTGAAAGCAGGTGACAAAACACCCGCCTTCCTCAAGCTCCTCCAGCATT
 ATCCGACGCACATCTTCCTGGATACCCTCGCAGCTCCATACCTTGCTGGGCACTGGCCCCGAGACATTC
 GTGGGCAAGCCGACCCCTGCATGAGGGACAAGGCCACACAGACCAGAGTGCATGGGCTGAAGAATATGA
 AAAGAAGAAAGGGTCTCATAAGCGCTCATCATCTGGGGCAGCACAGAACAGCTTAAAGAGATTGAAAA
 TTACGCCAGCAACTGCAGAGAAGCAAACACAGCAGTCGTACACCGAGATAAAGAAAGGCAGTCTCCAT
 TCCATGGCAACCATGCAGCTATTAACAGAGCCAGGCTCCTGCTCCAAAGAGCAGCTCGTTCGCGCTGG
 CCCCATCACCAGTCTGCTGGTTCTCGGTTCCGGAACAGTGTGGAAGGGCTGAATCAGGAGATTGAGATC
 ATAATTAAGAGACGGGGGAGAAGGAAGAACAGCTGATTCCACAAGATATTCCAGATGGTCATCGTGCGC
 CTCCGCCCTCGCACAGAGAAGCAGCAGCACGAAGCATTGACACACAGACCCCTGGGGGTGCAGACAA
 GGAAGCAACAACAGCAGCCGCTCTCAGTCTGTGTCGCCAACATCCTTCCTCACCATCTCTAATGAAGGC
 AGTGAGGAGAGCCCTGTTGAGTGTATGCTGCTGCGGATCCCAGAGATAAAGAGAATGGAAACAATT
 CTCCTTTGCCAAATATGCAACCTCACCAAAACCTAATAACAGTTACATGTTTAAAGGGAACCTCCAGA
 GGGCTGTGAAAGGGTCAAAGTCTTTGAGGAATGCTCGCCAAAACAATTCTGAGATTCCAGCCTTTTAC
 TGTCTGACAAAAACAAGGTGAATTTCTTCTAAAAGTGGCTCTGCTTTCTGCCTCGTGAATCTCTCA
 AACCATTCTCCCTACACAGATCTTACTCTCAAGGGCTCTGGTCACAGCCTGACCGTCAACCTGGCAT
 GACCACCACTTTGCTCCAGCCCATCTATGGCCTCCCTGTCTACAAACACAGAGCAAGAGCGGGTATCT
 CGAGGAACCAAGTACAGTCTGCCATCCGCTCCCTCCATGCACCACCAGAACCCATTGAGGAAGCTGAAG
 GATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001037725

Insert Size: 1755 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: NM_001037725.3, NP_001032814.1

RefSeq Size: 5534 bp

RefSeq ORF: 1755 bp

Locus ID: 72750

UniProt ID: Q3U3E2

Cytogenetics: 1 C2