

Product datasheet for MC225370

Flnb (NM_134080) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flnb (NM_134080) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Flnb
Synonyms:	AL024016; Fln-b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225370 representing NM_134080 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGGTGACGGAGAAAGACCTGGCGGAGGACGCGCCGTGGAAGAAGATTCAGCAGAACACGTTACGGC
GCTGGTGAACGAGCACCTCAAGTGTGTGAATAAACGCATCGGGAACCTGCAGACCGACCTGAGCGACGG
GCTACGGCTCATCGCGTCTCGAGGTGCTCAGCCAGAAGCGCATGCACCACAAGTACCATCAGCGGCC
ACCTTCAGACAGATGAAGCTGGAGAATGTGTCTGTGGCTCTGGAGTTCCTAGACCAGAAAGCATTAAAGC
TCGTGTCCATTGACAGTAAAGCCATCGTGGATGGGAACCTGAAGCTCATCTTGGGCTGGTATGGACTTT
GATCCTTCACTACTCCATCTCCATGCCCGTATGGGAAGATGAAGGGGATGATGATGCCAAGAAGCAGACA
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 GTCCTCCGATGCCAGCAAAGTGACCTCCAAGGGCGCAGGCCTGTCAAAGGCTTTTGTGGGCCAGAAGAGT
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 CCTGTGAAGAGGTCTCCATGAAGCATGTGGGCAAGCAACAGTACAACGTACCTACGTGTCAGGAGAG
 GGGCGATTACGTTCTGGCTGTGAAGTGGGGGAAGAGCACATCCCCGGTAGCCCCCTTTCATGTACCCGTG
 CCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_134080

Insert Size:

7776 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:	<u>NM_134080.1, NP_598841.1</u>
RefSeq Size:	9083 bp
RefSeq ORF:	7776 bp
Locus ID:	286940
Cytogenetics:	14 A1
Gene Summary:	<p>Connects cell membrane constituents to the actin cytoskeleton. May promote orthogonal branching of actin filaments and links actin filaments to membrane glycoproteins. Anchors various transmembrane proteins to the actin cytoskeleton (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the central coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a. This gene lacks full-length transcript support, and therefore the exon combination of this variant is inferred based on tiled partial transcripts and full-length orthologous alignments, e.g., human AB191258.1. 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>