

Product datasheet for MR231965

Flnb (NM_001081427) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Flnb (NM_001081427) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Flnb
Synonyms: AL024016; Fln-b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR231965 representing NM_001081427
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGTGACGGAGAAAGACCTGGCGGAGGACGCGCCGTGGAAGAAGATTCAGCAGAACACGTTACGGC
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Protein Sequence: >MR231965 representing NM_001081427
 Red=Cloning site Green=Tags(s)

MPVTEKDLAEDAPWKKIQNTFTRWCNEHLKCVNKRIGNLQTDLSGLRLIALLEVL SQRMHKHYHQRP
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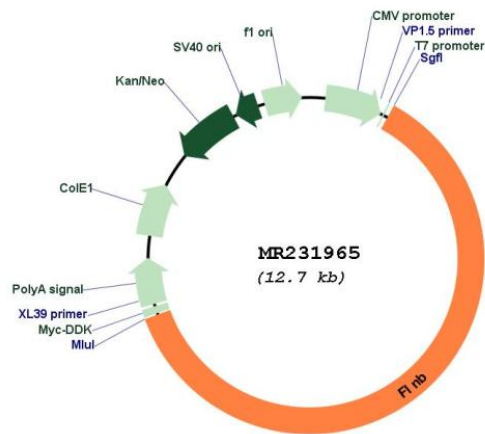
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001081427

ORF Size: 7806 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001081427.1</u> , <u>NP_001074896.1</u>
RefSeq Size:	9118 bp
RefSeq ORF:	7809 bp
Locus ID:	286940
UniProt ID:	<u>Q80X90</u>
Cytogenetics:	14 A1
MW:	278.3 kDa
Gene Summary:	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]