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Product datasheet for MC229534

Flii (NM_001302207) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flii (NM_001302207) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Flii
Synonyms:	3632430F08Rik; Fl; Fliih
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229534 representing NM_001302207 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGGCCACCGGGGTGCTGCCGTTCGTGCGCGGCGTGGACCTCAGCGGCAACGACTTCAAGGGTGGCT ACTTCCCTGAGAATGTTAAGGCTATGACCAGCCTGCGATGGCTAAAGCTGAATCGCACAGGCCTCTGCTA CCTGCCTGAAGAACTTGCGGCTCTGCAGAAGCTGGAGCACCTGTCTGTGAGCCACAACCATCTGACCACG CTTCACGGCGAACTGTCTAGCCTGCCTTCGCTTCGGGCCATTGTAGCTCGGGCCAACAGCCTGAAGAATT CCGGAGTCCCTGATGACATCTTCAAGCTGGATGATCTCTCTGTTCTGGACTTGAGCCATAACCAGTTGAC AGAATGCCCACGGGAGCTGGAGAATGCCAAGAACATGCTGGTGCTCAACCTCAGCCACAACGGCATCGAC TCCATCCCCAACCAGCTGTTCATCAACCTTACGGACTTGCTGTACCTGGACCTCAGTGAAAACCGCCTAG AGAGCCTTCCCCCTCAAATGCGCCGCCTCGTGCACCTTCAGACACTGGTGCTGAATGGAAACCCGCTGCT ACATGCACAGCTCCGGCAGCTCCCAGCCATGATGGCCCTACAGACCCTGCATCTGAGGAACACTCAACGC ACCCAGAGCAACCTCCCCACCAGCCTGGAGGGCCTGAGCAACCTTTCAGATGTGGACCTGTCGTGCAATG ACTTGACAAGGGTGCCGGAGTGCCTGTACACCCTCCCCAGCCTGCGCCGCCTCAACCTCAGTAGCAACCA GATTGCAGAGCTGTCCCTGTGCATCGACCAGTGGGTGCACCTGGAGACCTTGAATCTGTCCCGGAACCAG CTCACCTCCCTGCCTTCAGCCATCTGCAAGCTCACCAAGCTGAAGAAGCTGTACCTCAACTCCAACAAGC TGGACTTTGATGGGCTGCCTTCTGGCATCGGCAAGCTCACCAGCCTGGAGGAATTCATGGCTGCCAACAA CAACCTAGAACTGATTCCTGAAAGTCTCTGCAGGTGCCCAAAACTGAAGAAACTCGTCCTGAATAAGAAC CGCCTGGTGACCCTTCCTGAGGCCATCCACTTCCTGACAGAGATCCAGGTCCTGGATGTTCGAGAAAACC CCAGCTTGGTCATGCCGCCCAAGCCTGCTGACCGCACCGCCGAGTGGTACAACATTGACTTCTCGCTACA GAACCAGCTGAGGCTGGCGGGCGCCTCCCCGGCCACAGTGGCTGCTGCTGCAGCTGGGAGCGGGTCCAAG GACCCCTTGGCTCGCAAGATGCGGCTACGGAGGCGCAAGGACTCAGCACAGGATGTCCAGGCCAAGCAAG TGCTAAAGGGCATGTCAGATGTTGCCCAGGAGAAAAACAAAAACCAAGAGGAAAGCATAGATGCCCGGGC ACCAGGGGGAAAGGTACGACGCTGGGACCAGGGCCTGGAGAAGCCACGCCTTGACTACTCGGAGTTCTTT ACGGAGGATGTGGGCCAGCTGCCTGGTTTGACCATCTGGCAAATTGAGAACTTTGTGCCTGTTCTGGTGG

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AAGAAGCCTTCCATGGCAAGTTCTACGAGGCTGACTGCTACATTGTGCTCAAGACCTTCCTGGATGACAG
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CTTCAGGTGCTCCAATGAGAAGGGTTACTTCGCAGTGACTGAGAAATGCTCTGACTTTTGCCAAGATGAC
CTGGCAGACGATGACATCATGCTGCTAGACAATGGCCAAGAAGTCTACATGTGGGTTGGGACCCAGACAA
GCCAAGTGGAGATCAAACTGAGTCTGAAGGCTTGCCAGGTATACATCCAGCACACACGCTCTAAAGAACA
TGAGCGGCCACGTCGCCTGCGCCTGGTCCGCAAAGGTAATGAGCAGCGCGCCTTCACCCGCTGCTTCCAC
GCCTGGAGCACGTTCCGCCAAGCCCCAGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001302207

Insert Size: 3813 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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.
RefSeq:	NM_001302207.1, NP_001289136.1
RefSeq Size:	4068 bp
RefSeq ORF:	3813 bp
Locus ID:	14248
Cytogenetics:	11 37.81 cM
Gene Summary:	This gene encodes a protein with gelsolin-like repeats and an N-terminal leucine-rich repeat domain. The protein is similar to a Drosophila protein involved in early embryogenesis and the structural organization of indirect flight muscle. This protein may act as an actin-remodelling protein as well as a transcriptional coactivator. Homozygous knockout mice show embryonic lethality. This protein may act to regulate wound repair. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. This results in isoform 2, which is shorter by one amino acid, compared to isoform 1.