

Product datasheet for MR211879

Flii (NM_022009) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flii (NM_022009) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Flii
Synonyms:	3632430F08Rik; Fl; Fliih
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211879 representing NM_022009 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >MR211879 representing NM_022009
 Red=Cloning site Green=Tags(s)

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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9035_c10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

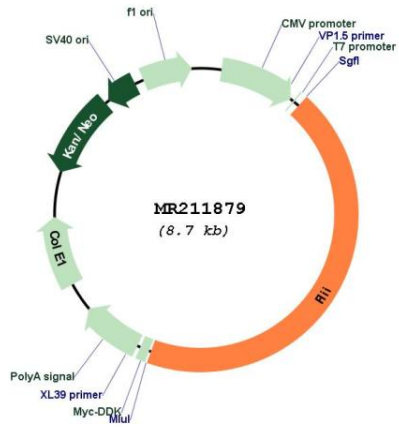


ACCN: NM_022009

ORF Size: 3813 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:	NM_022009.2
RefSeq Size:	4012 bp
RefSeq ORF:	3816 bp
Locus ID:	14248
UniProt ID:	Q9JJ28
Cytogenetics:	11 37.81 cM
MW:	145.3 kDa
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]

Product images:



Circular map for MR211879