

Product datasheet for MR211879L4

Flii (NM_022009) Mouse Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Flii (NM_022009) Mouse Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Flii
Synonyms:	3632430F08Rik; Fl; Fliih
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211879).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

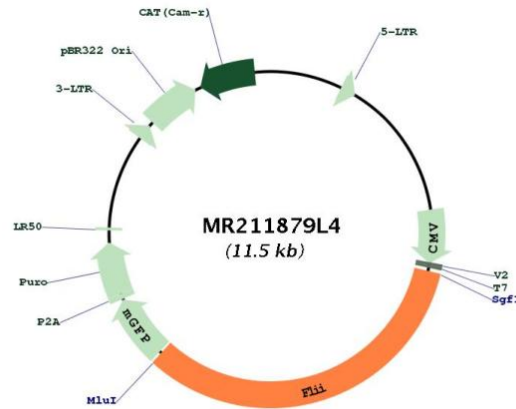
Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.



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Plasmid Map:


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:

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_022009.1](#)

RefSeq Size: 4012 bp

RefSeq ORF: 3816 bp

Locus ID: 14248

UniProt ID: [Q9JJ28](#)

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]