

Product datasheet for **MR225907**

Fli1 (NM_008026) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fli1 (NM_008026) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fli1
Synonyms:	EWSR2; Fli-1; SIC-1; Sic1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR225907 representing NM_008026
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACGGGACTATTAAGGAGGCTCTGTCTGTGGTGTGAGTACGATCAGTCCCTTTTTGATTACGCATACG
 GAGCGGCAGCCCATCTCCCAAGGCAGATGACTGCTTCGGGGAGTCTGACTACGGGCAGCCCAACA
 AATCAACCCCTGCCACCGCAGCAGGAGTGGATCAACCAGCCAGTGAGAGTCAATGTCAAGCGGGAGTAT
 GACCACATGAATGGATCCAGGGAGTCTCCGGTGGACTGCAGTGTGAGCAATGTAACAAGCTGGTGGCG
 GAGGCGAAGCCAACCCATGAACTATAATAGCTACATGGATGAGAAGAACGGCCCCCTCTCCCAACAT
 GACCACCAACGAACGGAGAGTCAATTGTGCCTGCAGACCCACACTGTGGACACAGGAGCAGTTCGACAG
 TGGCTGGAGTGGCTATAAAGGAATACGGATTGATGGAGATTGACTTCCTTCTCCAGAACATGGATG
 GCAAGGAATTGTGAAAAAGAACAAGGAGGACTTCTCCGAGCCACTCCGCCTACAACACAGAAGTGTCT
 GTTGTGCGACCTCAGTTACCTCAGGAAAGTTCCTGCTGGCCTATAACACAACCTCCCATACAGACCAG
 TCCTCAGACTGAATGTCAAGGAAGACCTTCTTATGACTCTGTCAAGGAGGAGCATGGAACAATAATA
 TGAACCTGTGCCTCAACAAAAGTCTCTCCTTGGAGGATCACAGACCATGGGCAAGAACACTGAGCAGCG
 GCCCCAGCCAGATCCTTATCAGATCCTGGGGCCAACCAGCAGCCGCTAGCAAACCTGGGAGTGGGCG
 ATCCAGCTGTGGCAGTTTCTCCTGGAACACTGTCCGACAGCGCCAACGCCAGCTGTATCACCTGGGAGG
 GGACCAACGGGGAGTTCAAAATGACGGACCCTGATGAGGTGGCCAGGCGCTGGGGAGAGCGGAAGAGCA
 GCCCAACATGAATTATGACAAGCTGAGCCGGCCCTCCGATACTACTATGACAAAAACATTATGACCAAA
 GTGCATGGCAAAAGGTATGCCTACAAGTTTACTTCCATGGCATTGCCAGGCCCTGCAGCCACATCCAA
 CAGAGACATCCATGTACAAGTATCCCTCGATATCTCTACATGCCTTCTACCATGCCCATCAACAGAA
 GGTGAACCTTGTCCCGTCTCACCCATCCTCCATGCCTGTACCTCCTCCAGCTTCTTTGGAGCAGCATCA
 CAATACTGGACCTCCCCACTGTGGGATCTATCCAAACCCAGTGTCCCGCCATCTAACACCCACG
 TGCCTTACACTTAGGCAGCTACTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225907 representing NM_008026
 Red=Cloning site Green=Tags(s)

MDGTIKEALSVVSDQSLFDSAYGAAHLPKADMTASGSPDYGQPHKINPLPPQEWINQPVVNVKREY
 DHMNGSRESPVDCSVSKCNKL VGGGEANPMNYSYMDEKNGPPPNMNTNERRVIVPADTLWTQEHVRQ
 WLEWAIKEYGLMEIDTSFFQNMKGKELCKMKNKEDFLRATSAYNTEVLLSHLSYLRESSLLAYNTTSHTDQ
 SSRLNVKEDPSYDSVRRGAWNNMNSGLNKSPLLGGSQTMGKNTEQRPQDPYQILGPTSSRLANPGSGQ
 IQLWQFLLELLSDSANASCITWEGTNGEFKMTDPDEVARRWGERKSKPNMNYDKLSRALRYYYDKNIMTK
 VHGKRYAYKDFHGIQAALQPHPTETSMYKPSDISYMPSYHAHQQKVNFPVSHPSMPVTSSSFFGAAS
 QYWTSPTAGIYPNPSVPRHPNTHVPSHLGSYY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9034_f03.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_008026

ORF Size: 1356 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_008026.5](#)

RefSeq Size: 3087 bp

RefSeq ORF: 1359 bp

Locus ID: 14247

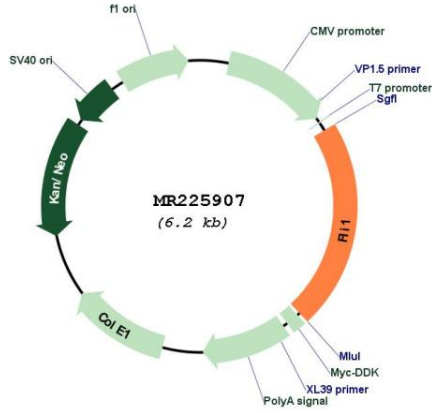
UniProt ID: [P26323](#)

Cytogenetics: 9 17.74 cM

MW: 51.5 kDa

Gene Summary: Sequence-specific transcriptional activator. Recognizes the DNA sequence 5'-C[CA]GGAAGT-3'. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225907