

Product datasheet for **MG225907**

Fli1 (NM_008026) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fli1 (NM_008026) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fli1
Synonyms:	EWSR2; Fli-1; SIC-1; Sic1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG225907 representing NM_008026
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGGGACTATTAAGGAGGCTGTCTGTGGTGTGAGTACGATCAGTCCCTTTTTGATTACGCATACG
 GAGCGGCAGCCATCTCCCAAGGCAGATGACTGCTTCGGGGAGTCTGACTACGGGCAGCCCCACAA
 AATCAACCCCTGCCACCACAGCAGGAGTGGATCAACCAGCCAGTGAAGTCAATGTCAAGCGGGAGTAT
 GACCACATGAATGGATCCAGGGAGTCTCCGGTGGACTGCAGTGTGAGCAATGTAACAAGCTGGTGGCG
 GAGGCGAAGCCAACCCATGAATAAAGTACATGGATGAGAAGAACGGCCCCCTCTCCCAACAT
 GACCACCAACGAACGGAGAGTATTGTGCCTGCAGACCCACACTGTGGACACAGGAGCACGTTCCGACG
 TGGCTGGAGTGGCTATAAAGGAATACGGATTGATGGAGATTGACACTTCCTTCTCCAGAACATGGATG
 GCAAGGAATTGTGTAATAAAGGAATACGGATTGATGGAGATTGACACTTCCTTCTCCAGAACATGGATG
 GTTGTGCGACCTCAGTTACCTCAGGAAAGTTCAGTGTGCCTATAACACAACCTCCCATACAGACCAG
 TCCTCAGACTGAATGTCAAGGAAGACCTTCTTATGACTCTGTGAGGAGGAGCATGGAACAATAATA
 TGAACCTGTGCCTCAACAAAAGTCTCTCCTTGGAGGATCACAGACCATGGGCAAGAACACTGAGCAGCG
 GCCCCAGCCAGATCCTTATCAGATCCTGGGGCCAACCAGCAGCCGCTAGCAAACCTGGGAGTGGGCGAG
 ATCCAGCTGTGGCAGTTTCTCCTGGAACACTGTCCGACAGCGCCAACGCCAGCTGTATCACCTGGGAGG
 GGACCAACGGGGAGTTCAAAATGACGGACCCTGATGAGGTGGCCAGGCGCTGGGGAGAGCGGAAGAGCAA
 GCCCAACATGAATTATGACAAGCTGAGCCGGCCCTCCGATACTACTATGACAAAAACATTATGACCAAA
 GTGCATGGCAAAAGGTATGCCTACAAGTTTACTTCCATGGCATTGCCAGGCCCTGCAGCCACATCCAA
 CAGAGACATCCATGTACAAGTATCCCTCTGATATCTCCTACATGCCTTCCATCCATGCCATCAACAGAA
 GGTGAACCTTGTCCCGTCTCACCCATCCTCCATGCCTGTACCTCCTCCAGCTTCTTTGGAGCAGCATCA
 CAATACTGGACCTCCCCACTGTGGGATCTATCCAAACCCAGTGTCCCCCGCCATCTAACACCCACG
 TGCCTTACACTTAGGCAGCTACTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG225907 representing NM_008026
 Red=Cloning site Green=Tags(s)

MDGTIKEALSVVSDQSLFDSAYGAAHLPKADMTASGSPDYGQPHKINPLPPQQEWINQPVRVNVKREY
 DHMNGSRESPVDCSVSKCNKLVGGGEANPMNYSYMDEKNGPPPNMNTNERRVIVPADPTLWTQEHVRQ
 WLEWAIKEYGLMEIDTSFFQNMKGKELCKMNKEDFLRATSAYNTEVLLSHLSYLRESSLLAYNTTSHTDQ
 SSRLNVKEDPSYDSVRRGAWNNMNSGLNKSPLLGGSQTMGKNTEQRPQDPYQILGPTSSRLANPGSGQ
 IQLWQFLLELLSDSANASCITWEGTNGEFKMTDPDEVARRWGERKSKPNMNYDKLSRALRYYYDKNIMTK
 VH GKRYAYKFDHFGIAQALQPHPTETSMYKYPDSISYMP SYHAHQKVNFPVSHPSMPVTSSSFFGAAS
 QYWTSPTAGIYPNPSVPRHPNTHVPSHLGSYY

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-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_008026.4](#), [NP_032052.1](#)

RefSeq Size: 3087 bp

RefSeq ORF: 1359 bp

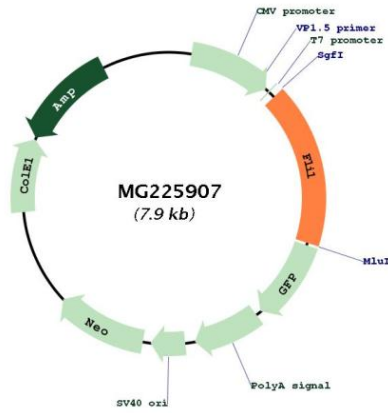
Locus ID: 14247

UniProt ID: [P26323](#)

Cytogenetics: 9 17.74 cM

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

Product images:



Circular map for MG225907