

Product datasheet for **RG232310**

FLI1 (NM_001271012) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FLI1 (NM_001271012) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: FLI1
Synonyms: BDPLT21; EWSR2; SIC-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG232310 representing NM_001271012
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGATCCAGGTTCACTGCTGGCCTATAATACAACCTCCCACACCGACCAATCCTCACGATTGAGTGCA
 AAGAAGACCCCTTCTTATGACTCAGTCAGAAGAGGAGCTTGGGGCAATAACATGAATTCTGGCCTCAACAA
 AAGTCTCCCTTGGAGGGGCACAAACGATCAGTAAGAATACAGAGCAACGGCCCCAGCCAGATCCGTAT
 CAGATCTGGGCCGACCAGCAGTCGCCTAGCCAACCTGGAAGCGGGCAGATCCAGCTGTGGCAATTCC
 TCCTGGAGCTGCTCTCCGACAGCGCCAACGCCAGCTGTATCACCTGGGAGGGGACCAACGGGGAGTTCAA
 AATGACGACCCCGATGAGGTGGCCAGGCGCTGGGGCGAGCGGAAAAGCAAGCCCAACATGAATTACGAC
 AAGCTGAGCCGGGCCCTCCGTTATTACTATGATAAAAACATTATGACCAAAGTGCACGGCAAAAGATATG
 CTTACAAATTTGACTTCCACGGCATTGCCAGGCTCTGCAGCCACATCCGACCGAGTCGTCCATGTACAA
 GTACCTTCTGACATCTCCTACATGCCTTCTACCATGCCACCAGCAGAAGGTGAACCTTTGTCCCTCCC
 CATCCATCCTCCATGCCTGTCACTTCTCCAGCTTCTTTGGAGCCGCATCACAATACTGGACCTCCCCCA
 CGGGGGGAATCTACCCCAACCCCAACGTCCCCGCCATCTAACACCCACGTGCCTTCACACTTAGGCAG
 CTACTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG232310 representing NM_001271012
 Red=Cloning site Green=Tags(s)

MDPGSLLAYNTTSHTDQSSRLSVKEDPSYDSVRRGAWGNMNSGLNKSPPLGGAQTI SKNTEQRQPDPY
 QILGPTSSRLANPGSGQIQLWQFLELLSDSANASCITWEGTNGEFKMTDPDEVARRWGERKSKPNMNYD
 KLSRALRYYYDKNIMTKVHGKRYAYKFDHFGIAQALQPHPTSSMYKYPDSISYMP SYHAHQKVNFPVP
 HPSSMPVTSSSFFGAASQYWTSP TGGIYPNPVPRHPNTHVPSHLGSYY

TRTRPLE - GFP Tag - V

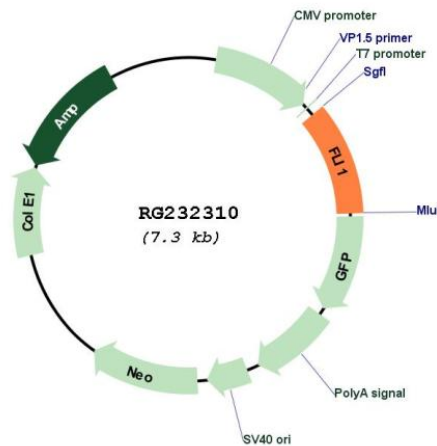
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001271012

ORF Size: 777 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_001271012.1 , NP_001257941.1
RefSeq Size:	3442 bp
RefSeq ORF:	780 bp
Locus ID:	2313
UniProt ID:	Q01543
Cytogenetics:	11q24.3
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a transcription factor containing an ETS DNA-binding domain. The gene can undergo a t(11;22)(q24;q12) translocation with the Ewing sarcoma gene on chromosome 22, which results in a fusion gene that is present in the majority of Ewing sarcoma cases. An acute lymphoblastic leukemia-associated t(4;11)(q21;q23) translocation involving this gene has also been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]