

Product datasheet for **SC333024**

FLI1 (NM_001271010) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FLI1 (NM_001271010) Human Untagged Clone
Tag: Tag Free
Symbol: FLI1
Synonyms: BDPLT21; EWSR2; SIC-1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333024 representing NM_001271010.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGGGAGGACTGGCAGGCGAGCGGGCGAGGGAGTCTCCGGTGGACTGCAGCGTTAGCAAATGCAGC
AAGCTGGTGGGCGGAGGCGAGTCCAACCCCATGAACTACAACAGCTATATGGACGAGAAGAATGGCCCC
CCTCCTCCCAACATGACCACCAACGAGAGGAGAGTTCATCGTCCCCGCAGACCCACACTGTGGACACAG
GAGCATGTGAGGCAATGGCTGGAGTGGGCCATAAAGGAGTACAGCTTGATGGAGATCGACACATCCTTT
TTCCAGAACATGGATGGCAAGGAACTGTGTAATAAATGAACAAGGAGGACTTCCTCCGCGCCACCACCCTC
TACAACACGGAAGTGCTGTTGTACACCTCAGTTACCTCAGGAAAGTTCCTGCTGGCCTATAATACA
ACCTCCCACACCGACCAATCCTCAGATTGAGTGTCAAAGAAGACCCTTCTTATGACTCAGTCAGAAGA
GGAGCTTGGGGCAATAACATGAATTCTGGCCTCAACAAAAGTCTCCCTTGGAGGGGCACAAAACGATC
AGTAAGAATACAGAGCAACGGCCCCAGCCAGATCCGTATCAGATCCTGGGCCCAGCCAGCAGTCGCCTA
GCCAACCTGGAAGCGGGCAGATCCAGCTGTGGCAATTCCTCCTGGAGCTGCTCTCCGACAGCGCCAAC
GCCAGCTGTATCACCTGGGAGGGGACCAACGGGGAGTTCAAAATGACGGACCCCGATGAGGTGGCCAGG
CGCTGGGGCGAGCGGAAAAGCAAGCCCAACATGAATTACGACAAGCTGAGCCGGGCCCTCCGTTATTAC
TATGATAAAAACATTATGACCAAAGTGCACGGCAAAAGATATGCTTACAAATTTGACTTCCACGGCATT
GCCCAGGCTCTGCAGCCACATCCGACCGAGTCGTCCATGTACAAGTACCCTTCTGACATCTCCTACATG
CCTTCCTACCATGCCACACAGCAGAAGGTGAACCTTTGTCCTCCCCATCCATCCTCCATGCCTGTCACT
TCTCCAGCTTCTTTGGAGCCGATCACAATACTGGACCTCCCCACGGGGGAATCTACCCCAACCCC
AACGTCCCCCGCCATCCTAACACCCACGTGCCTTCACTTAGGCAGCTACTACTAG
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Restriction Sites: SgfI-MluI
ACCN: NM_001271010
Insert Size: 1161 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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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:	<u>NM_001271010.1</u>
RefSeq Size:	4166 bp
RefSeq ORF:	1161 bp
Locus ID:	2313
UniProt ID:	<u>Q01543</u>
Cytogenetics:	11q24.3
Protein Families:	Transcription Factors
MW:	43.6 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) contains a distinct 5' UTR and 5' coding region, and uses an alternate start codon, compared to variant 1. The encoded isoform (3) has a distinct and shorter N-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>