

Product datasheet for **SC328686**

FLI1 (NM_001167681) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FLI1 (NM_001167681) Human Untagged Clone
Tag:	Tag Free
Symbol:	FLI1
Synonyms:	BDPLT21; EWSR2; SIC-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001167681, the custom clone sequence may differ by one or more nucleotides

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ATGACTGCCTCGGGGAGTCTGACTACGGGCAGCCCCACAAGATCAACCCCTCCCACCA
CAGCAGGAGTGGATCAATCAGCCAGTGAGGGTCAACGTCAAGCGGAGTATGACCACATG
AATGGATCCAGGGAGTCTCCGGTGGACTGCAGCGTTAGCAAATGCAGCAAGCTGGTGGGC
GGAGGCGAGTCCAACCCCATGAACTACAACAGCTATATGGACGAGAAGAATGGCCCCCT
CCTCCCAACATGACCACCAACGAGAGGAGATCATCGTCCCCGAGACCCACACTGTGG
ACACAGGAGCATGTGAGGCAATGGCTGGAGTGGGCCATAAAGGAGTACAGCTTGATGGAG
ATCGACACATCCTTTTCCAGAACATGGATGGCAAGGAACTGTGTAAAATGAACAAGGAG
GACTTCCTCCGCGCCACCACCTCTACAACACGGAAGTGTGTTGTCACACCTCAGTTAC
CTCAGGAAAGTTCACTGCTGGCCTATAATACAACCTCCACACCGACCAATCCTCACGA
TTGAGTGTCAAAGAAGACCTTCTTATGACTCAGTCAGAAGAGGAGCTTGGGGCAATAAC
ATGAATTCGGCCTCAACAAAAGTCCTCCCTTGAGGGGCACAAACGATCAGTAAGAAT
ACAGAGCAACGGCCCCAGCCAGATCCGTATCAGATCCTGGGCCCGACCAGCAGTCGCCTA
GCCAACCTGGAAGCGGGCAGATCCAGCTGTGGCAATTCCTCCTGGAGCTGCTCTCCGAC
AGCGCCAACGCCAGCTGTATCACCTGGGAGGGGACCAACGGGGAGTTCAAATGACGGAC
CCCGATGAGGTGGCCAGGCGCTGGGGCGAGCGGAAAAGCAAGCCCAACATGAATTACGAC
AAAAGATATGCTTACAAATTTGACTTCCACGGCATTGCCAGGCTCTGCAGCCACATCCG
ACCGAGTCGTCCATGTACAAGTACCCTTCTGACATCTCCTACATGCCTTCCTACCATGCC
CACCAGCAGAAGGTGAACTTTGTCCCTCCCATCCATCCTCCATGCCTGTCACTTCTCCTC
AGCTTCTTTGGAGCCGCATCACAATACTGGACCTCCCCACGGGGGAATCTACCCCAAC
CCCAACGTCCCCGCCATCCTAACACCCACGTGCCTTCACACTTAGGCAGCTACTACTAG

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Restriction Sites:	Please inquire
ACCN:	NM_001167681



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Insert Size:	4049 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001167681.1 , NP_001161153.1
RefSeq Size:	4049 bp
RefSeq ORF:	1260 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]

Transcript Variant: This variant (2) contains a distinct 5' UTR and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.