

Product datasheet for **RC230048**

FLI1 (NM_001167681) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | FLI1 (NM_001167681) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | FLI1 |
| Synonyms: | BDPLT21; EWSR2; SIC-1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >RC230048 representing NM_001167681 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTGCCTCGGGGAGTCTGACTACGGGCAGCCCCACAAGATCAACCCCTCCCACCACAGCAGGAGT
GGATCAATCAGCCAGTGAGGGTCAACGTCAAGCGGGAGTATGACCACATGAATGGATCCAGGGAGTCTCC
GGTGGACTGCAGCGTTAGCAAAATGCAGCAAGCTGGTGGGCGGAGGCGAGTCCAACCCATGAACTACAAC
AGCTATATGGACGAGAAGAATGGCCCCCTCTCCAACATGACCACCAACGAGAGGAGAGTTCATCGTCC
CCGCAGACCCCACTGTGGACACAGGAGCATGTGAGGCAATGGCTGGAGTGGGCCATAAAGGAGTACAG
CTTGATGGAGATCGACACATCCTTTTCCAGAACATGGATGGCAAGGAACTGTGTAAAATGAACAAGGAG
GACTTCTCCGCGCCACCACCCTCTACAACACGGAAGTGCTGTTGTACACCTCAGTTACCTCAGGGAAA
GTTCACTGCTGGCCTATAATACAACCTCCCACACCCGACCAATCCTCACGATTGAGTGTCAAAGAAGACCC
TTCTTATGACTCAGTCAGAAGAGGAGCTTGGGGCAATAACATGAATTCTGGCCTCAACAAAAGTCTCCC
CTTGGAGGGGCACAAACGATCAGTAAGAATACAGAGCAACGGCCCCAGCCAGATCCGTATCAGATCCTGG
GCCCCAGCAGCAGTCGCCTAGCCAACCTGGAAGCGGGCAGATCCAGCTGTGGCAATTCCTCCTGGAGCT
GCTCTCCGACAGCGCCAACGCCAGCTGTATCACCTGGGAGGGGACCAACGGGGAGTTCAAAATGACGGAC
CCCCGATGAGGTGGCCAGGCGCTGGGGCGAGCGGAAAAGCAAGCCCAACATGAATTACGACAAGCTGAGCC
GGGCCCTCCGTTATTACTATGATAAAAACATTATGACCAAAGTGACGGCAAAAGATATGCTTACAAATT
TGACTTCCACGGCATTGCCAGGCTCTGCAGCCACATCCGACCGAGTCGTCCATGTACAAGTACCCTTCT
GACATCTCCTACATGCCTTCTACCATGCCACCAGCAGAAGGTGAACTTTGTCCCTCCCATCCATCCT
CCATGCCTGTCACTTCTCCAGTCTTTGGAGCCGCATCACAATACTGGACCTCCCCACGGGGGAAT
CTACCCCAACCCCAACGTCCCCGCCATCTAACACCCACGTGCCTTCACACTTAGGCAGCTACTAC

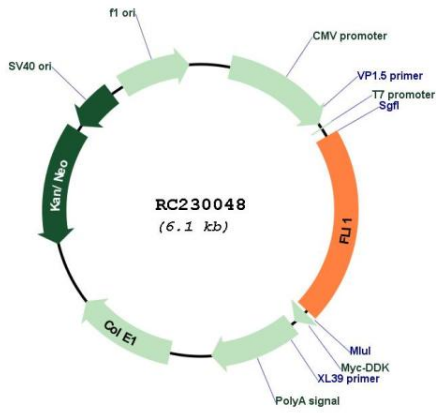
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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| 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: | <u>NM_001167681.2</u> , <u>NP_001161153.1</u> |
| RefSeq Size: | 4049 bp |
| RefSeq ORF: | 1260 bp |
| Locus ID: | 2313 |
| UniProt ID: | <u>Q01543</u> |
| Cytogenetics: | 11q24.3 |
| Protein Families: | Transcription Factors |
| MW: | 48 kDa |
| 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] |

Product images:



Circular map for RC230048