

Product datasheet for **SC326095**

E74 like factor 1 (ELF1) (NM_001145353) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	E74 like factor 1 (ELF1) (NM_001145353) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELF1
Synonyms:	EFTUD1; RIA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

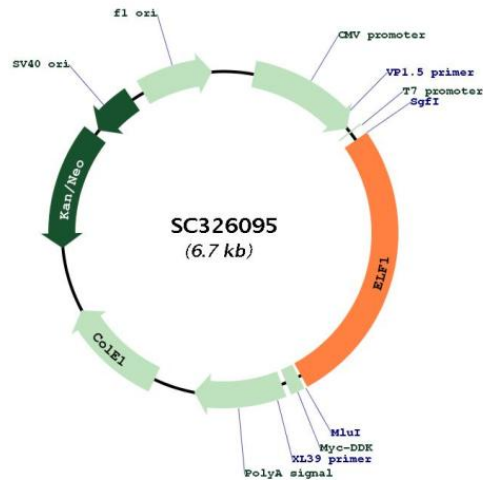


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Fully Sequenced ORF: >SC326095 representing NM_001145353.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGCTGCTGTTGTCCAACAGAACGACCTAGTATTTGAATTTGCTAGTAACGTCATGGAGGATGAACGA
CAGCTTGGTGATCCAGCTATTTTTCTGCCGTAATTGTGGAACATGTTCTGGTGCTGATATTCTCAAT
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CATTTGAAAGAGAACACTGAGAAAACGGAGCAGCCACAGCCTTATGTGATGGTAGTGTCCAGTTC
AATGGATTTACTTCTCAGGTAGCTATGAAACAAAACGAAGTCTGGAACCAACTTTTTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001145353

Insert Size: 1788 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).

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:

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_001145353.1](#)

RefSeq Size: 3543 bp

RefSeq ORF: 1788 bp

Locus ID: 1997

UniProt ID: [P32519](#)

Cytogenetics: 13q14.11

Protein Families: Transcription Factors

MW: 64.9 kDa

Gene Summary: This gene encodes an E26 transformation-specific related transcription factor. The encoded protein is primarily expressed in lymphoid cells and acts as both an enhancer and a repressor to regulate transcription of various genes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2009]
Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate in-frame splice site in the mid coding region, compared to variant 1. The encoded isoform (b) is shorter than isoform a.