

Product datasheet for **SC101792**

EAF1 (NM_033083) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EAF1 (NM_033083) Human Untagged Clone
Tag:	Tag Free
Symbol:	EAF1
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033083, the custom clone sequence may differ by one or more nucleotides

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ATGAATGGGACCGCAAACCCGCTGCTGGACCGCGAGGAACATTGCCTGAGGCTCGGGGAGAGCTTCGAGA
AGCGGCCGCGGGCCTCCTTCCACACTATTGTTATGATTTTAAACCAGCATCTATAGACACTTCCTGTGA
AGGAGAGCTTCAAGTTGGCAAAGGAGATGAAGTCACAATTACACTGCCACATATCCCTGGATCCACACCA
CCCATGACTGTGTTCAAGGGGAACAACGGCCTTACCAGAAAGACTGTGTGCTTATTATTAATCATGACA
CTGGTGAATATGTGCTGGAAAACTCAGTAGCAGCATTTCAGGTGAAGAAAACAAGAGCTGAGGGCAGCAG
TAAAATCCAGGCCGAATGGAACAGCAGCCCACTCGTCCCTCCACAGACGTACAGCCACCACCCTCCA
CCACCTATGCCATTGAGCTCCAACGAAGCCTCCAGTTGGACCCAAAATTCTCCCTTGAAGATAACC
CCTCACCTGAACCTCAGTTGGATGACATCAAAGAGAGCTGAGGGCTGAAGTTGACATTATTGAACAAAT
GAGCAGCAGCAGTGGGAGCAGCTCTTCACTCTGAGAGCTCTTCGGGAAGTGATGACGATAGCTCCAGC
AGTGGAGGCGAGGACAATGGCCAGCCTCTCCTCCGAGCCTTACACCAGCAGCCCTACAACAGTAGGC
CTGCCGTTGCCAATGGAACAGCCGGCCACAAGGAAGCAACCAGCTCATGAACACCCTCAGAAATGACTT
GCAGTTGAGTGAGTCTGGCAGTGACAGTGATGACTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033083 unedited TTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGCCCCACGCAGAGGAG AGAAGTTGCTTCTGGACCCGGGTGGGTGCCGGCTCGGCTCTCCTTGTCTTCCAGAGCGGT GGCCCGGAAGCACAGTCTCCAGACGCCAGGCCAGAAGCTCGGATCGCGGCTGCACCG GGAGAGCGCCGATCTGGGTGCGAGGCAGGTGCGGGCCATGAATGGGACCGCAAACCCGC TGCTGGACCGCGAGGAACATTGCCTGAGGCTCGGGGAGAGCTTCGAGAAGCGCCGCGGG CCTCCTTCCACACTATTGTTATGATTTTAAACCAGCATCTATAGACACTTCTGTGAAG GAGAGCTTCAAGTTGGCAAAGGAGATGAAGTACAATTACACTGCCACATATCCCTGGAT CCACACCACCCATGACTGTGTTCAAGGGGAACAAACGGCCTTACCAGAAAAGACTGTGTGC TTATTATTAATCATGACACTGGTGAATATGTGCTGGAAAACTCAGTAGCAGCATTACAGG TGAAGAAAACAAGAGCTGAGGGCAGCAGTAAAATCCAGGCCGAATGGAACAGCAGCCCA CTCGTCTCCACAGAGCTCACAGCCACCACCCTCCACCACCTATGCCATTAGAGCTC CAACGAAGCTCCAGTTGACCCAAAACCTCTCCCTTAAAAGATAACCCCTCACCTGAAC CTCAGTTGGATGACATCAAAGAGAGCTGNAGGCTGAAGTTGACATTATTGAACAATGA GCAGCAGCAGTGGGAGCAGCTTCAACTCTGAGAGCTTTCGGGAAGTGATGACGATAG CTCCAGCAGTGGGAGCGAGGGACATGGCCAGCCTTCTC
Restriction Sites:	NotI-NotI
ACCN:	NM_033083
Insert Size:	4640 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).
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_033083.5, NP_149074.3</u>
RefSeq Size:	4503 bp
RefSeq ORF:	4503 bp
Locus ID:	85403
UniProt ID:	<u>Q96JC9</u>
Cytogenetics:	3p25.1
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary: Acts as a transcriptional transactivator of ELL and ELL2 elongation activities.[UniProtKB/Swiss-Prot Function]