

## Product datasheet for **SC212757**

### LEF1 (NM\_001130714) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** LEF1 (NM\_001130714) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** LEF1  
**Synonyms:** LEF-1; TCF1ALPHA; TCF7L3; TCF10  
**ACCN:** NM\_001130714  
**Insert Size:** 1154 bp  
**Insert Sequence:** >SC212757 3'UTR clone of NM\_001130714  
The sequence shown below is from the reference sequence of NM\_001130714. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGACCTCTTCTGGAGATGGAAGCTTGTGAAAACCCAGACTGTCTCCACGGCCTGCCAGTCGACCCCA
AAGGAACACTGACATCAATTTTACCCTGAGGTCAGTCTAGAGACGCTGATCCATAAAGACAATCACTG
CCAACCCCTCTTTTCGTCTACTGCAAGAGCCAAGTTCCAAAATAAAGCATAAAAAGGTTTTTAAAGGA
AATGTAAAAGCACATGAGAATGCTAGCAGGCTGTGGGGCAGCTGAGCAGCTTTTCTCCCCTCATATCTG
CGTGCACCTCCAGAGCATCTTGATCCAACTGTAACCTTTTCGGCAAGGACGGTAACTTGCGTGCAT
TTGCCTGTGATGCGCAACTGGAGCCAGCAACCAGCACATCCATCAGCACCCCAAGTGGAGGAGTTCATGG
AAGAGTCCCTCTTTGTTTCTGCTTCATTTTTCTTTCTTTTCTTTTCTCCTAAAGCTTTTATTTAACAG
TGCAAAAGGATCGTTTTTTTTGCTTTTTTAACTTGAATTTTTTAAATTTACACTTTTTAGTTTTAAT
TTTCTGTATATTTGCTAGCTATGAGCTTTTAAATAAAATTGAAAGTTCTGGAAAAGTTTGAATAAT
GACATAAAAAGAAGCCTTCTTTTCTGAGACAGCTTGTCTGGTAAAGTGGCTTCTCTGTGAATTGCCTGT
AACACATAGTGGCTTCTCCGCCCTTGAAGGTGTTTCAGTAGAGCTAAATAAATGTAATAGCCAAACCCA
CTCTGTTGGTAGCAATTGGCAGCCCTATTTTCAGTTTTTTTTTCTTCTGTTTTCTTTTTCTTTTTTT
AAACAGTAAACCTTAACAGATGCGTTTCAGCAGACTGGTTTGCAGTGAATTTTCATTTCTTTCTTATCA
CCCCCTTGTGTAAGCCAGCACTTGAATTTTACTTTAAATGTTCTGTATTTGTATCTGTTT
TTATTAGCCAATTAGTGGGATTTTATGCCAGTTGTTAAATGAGCATTGATGTACCCATTTTTAAAAA
AGCAAGGCACAGCCTTTGCCAAAACCTGTCATCCTAACGTTTGTGATTCCAGTTTGAGTTAATGTGCTG
AGCATTTTTTTAAAGAAGCTTTGTAATAAAAACATTTTTAAAAATTGTC
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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|------------------------|---|
| <b>OTI Disclaimer:</b> | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).  |
| <b>Components:</b>     | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.  |
| <b>RefSeq:</b>         | <a href="#">NM_001130714.3</a>  |
| <b>Summary:</b>        | This gene encodes a transcription factor belonging to a family of proteins that share homology with the high mobility group protein-1. The protein encoded by this gene can bind to a functionally important site in the T-cell receptor-alpha enhancer, thereby conferring maximal enhancer activity. This transcription factor is involved in the Wnt signaling pathway, and it may function in hair cell differentiation and follicle morphogenesis. Mutations in this gene have been found in somatic sebaceous tumors. This gene has also been linked to other cancers, including androgen-independent prostate cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009] |
| <b>Locus ID:</b>       | 51176   |
| <b>MW:</b>             | 44.2  |