

## Product datasheet for **SC206434**

### Lefty (LEFTY1) (NM\_020997) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Lefty (LEFTY1) (NM\_020997) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** LEFTY1  
**Synonyms:** LEFTB; LEFTYB  
**ACCN:** NM\_020997  
**Insert Size:** 475 bp  
**Insert Sequence:** >SC206434 3'UTR clone of NM\_020997  
The sequence shown below is from the reference sequence of NM\_020997. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
GCGCTCGTGCCAAGGAGGCTCCAGCCA TAGGCGCCTAGTGTAGCCATCGAGGGACTTGACTTGTGTGTG  
TTTCTGAAGTGTTTCGAGGGTACCAGGAGAGCTGGCGATGACTGAACTGCTGATGGACAAATGCTCTGTG  
CTCTCTAGTGAGCCCTGAATTTGCTTCCTCTGACAAGTTACCTCACCTAATTTTTGCTTCTCAGGAATG  
AGAATCTTTGGCCACTGGAGAGCCCTTGCTCAGTTTTCTATTCTTATTATTACTGCACTATATTCT  
AAGCACTTACATGTGGAGATACTGTAACCTGAGGGCAGAAAGCCCAATGTGTCATTGTTTACTTGTCTT  
GTCACCTGGATCTGGGCTAAAGTCTCCACCACCCTCTGGACCTAAGACCTGGGGTTAAGTGTGGTTG  
TGCATCCCAATCCAGATAATAAAGACTTTGTAACATGAATAAACACATTTTATTCTA  
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** 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).

**Components:** 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.

**RefSeq:** [NM\\_020997.4](#)



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**Summary:** This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate the mature protein, which plays a role in left-right asymmetry determination of organ systems during development. This gene is closely linked to both a related family member and a related pseudogene. [provided by RefSeq, Aug 2016]

**Locus ID:** 10637

**MW:** 17.5