

Product datasheet for **SC210384**

LEFTY2 (NM_003240) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: LEFTY2 (NM_003240) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: LEFTY2
Synonyms: EBAF; LEFTA; LEFTYA; TGFB4
ACCN: NM_003240
Insert Size: 868 bp
Insert Sequence: >SC210384 3'UTR clone of NM_003240

The sequence shown below is from the reference sequence of NM_003240. 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
GCGCTCGTGCCAAGGAGGCTCCAGCCA TAGGCGCCTGGTGTATCCATTGAGCCCTCTAACTGAACGTGT
GCATAGAGGTGGTCTTAATGTAGGTCTTAACCTTATACTTAGCAAGTTACTCCATCCCAATTTAGTGCT
CCTGTGTGACCTTCGCCCTGTGTCTTCCATTTCTGTCTTTCCGTCATCACCCATCCTAAGCACTT
ACGTGAGTAAATAATGCAGCTCAGATGCTGAGCTCTAGTAGGAAATGCTGGCATGCTGATTACAAGATA
CAGCTGAGCAATGCACACATTTTCAGCTGGGAGTTTCTGTTCTCTGGCAAATTTCTCACTGAGTCTGGA
ACAATAATACCCTATGATTAGAAGTGGGAAACAGAACTGAATTGCTGTGTATATGAGGAATTAAC
CTTCAAATCTCTATTTCCCAAATACTGACCCATTCTGGACTTTGTAAACATACTAGGCCCTGTT
CCCCTGAGAGGGTCTAAGAGGAAGGATGAAGGGCTTCAGGCTGGGGCAGTGGACAGGGAATTGGGAT
ACCTGGATTCTGTTCTGACAGGGCCACAAGCTAGGATCTCTAACAACGCAGAAGGCTTTGGCTCGTC
ATTTCTCTTAAAAAGGAGGAGCTGGGCTTCAGCTCTAAGAACTCATTGCCCTGGGATCAGACAGCC
CCTACCTACCCCTGCCACTCCTCTGGAGACTGAGCCTTGCCCGTGCATATTTAGTTCATTTCCACAC
TGCTTAGAGAATTGTACCAGAAACCATGTATTTGCATGTTTTTTGTTAATTTAGCTAAAGCAAT
TGAATGTAGATACTCAGAAGAAATAAAAAATGATGTTTCA
ACGCGT AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_003240.5
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. The protein may also play a role in endometrial bleeding. Mutations in this gene have been associated with left-right axis malformations, particularly in the heart and lungs. Some types of infertility have been associated with dysregulated expression of this gene in the endometrium. This gene is closely linked to both a related family member and a related pseudogene. This gene encodes multiple isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Aug 2016]
Locus ID:	7044
MW:	33