

## Product datasheet for **SC209901**

### LMO2 (NM\_001142315) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** LMO2 (NM\_001142315) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** LMO2  
**Synonyms:** LMO-2; RBTN2; RBTNL1; RHOM2; TTG2  
**ACCN:** NM\_001142315  
**Insert Size:** 810 bp  
**Insert Sequence:** >SC209901 3'UTR clone of NM\_001142315  
The sequence shown below is from the reference sequence of NM\_001142315. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGTGGACTAAGATCAATGGGATGATAAGGCCCGAGTCCCCGGGCATCTTTGGGGAGGTGTTCACTGA
AGACGCCGTCTCCATGGCATCTTCGTCTTCACTTTAGGCACCTTTGGGGTTTGGAGGTGGGGTAAGGG
ATTTCTTAGGGGATGGTAGACCTTTATTGGGTATCAAGACATAGCATCCAAGTGGCATAATTCAGGGGC
TGACACTTCAAGGTGACAGAAGGACCAGCCCTTGAGGGAGAAGTTATGGCCACAGCCCATCCATAGTAA
CTGACATGATTAGCAGAAGAAAGAACATTTAGGGGCAAGCAGGCGCTGTGCTATCATGATGGAATTTT
ATATCTACAGATAGAGAGTTGTTGTGTACAGACTTGTGTGACTTTGACGCTTGCAGACTAGAGATGTG
CAATTGATTTCTTTTCTCCTGGCTTTTAACTCCCCTGTTTCAATCACTGTCCTCCACACAAGGGGAA
GACAGAAAGGAGAGTGGCATTCTTTTTTCTGGCCCCCTTCCAAGGCCTTAAGCTTTGGACCCAAG
GAAAAGTGCATGGAGACGATTTTCGGTTGAGAATGGAAACCACAAGTTTAAACCAACAATTATTTAAA
GCAATGCTGATGAATCACTGTTTTTAGACACCTTCATTTTGGGGGAGGAGTTCCACAGATTGTTTCTA
TACAAATATAAATCTTAAAAAGTTGTTCAACTATTTTATTATCCTAGATTATATCAAAGTATTTGTCGT
GTGTAGAAAAAAGACAGCTCTGCAGGCTTAATAAAAAATGACAGACTGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul  
**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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<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>	<u><a href="#">NM_001142315.2</a></u>
<b>Summary:</b>	LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac erythropoiesis. The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. The LMO2 transcription start site is located approximately 25 kb downstream from the 11p13 T-cell translocation cluster (11p13 ttc), where a number T-cell acute lymphoblastic leukemia-specific translocations occur. Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Nov 2008]
<b>Locus ID:</b>	4005
<b>MW:</b>	31.2