

Product datasheet for **SC209902**

LMO2 (NM_001142316) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: LMO2 (NM_001142316) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: LMO2
Synonyms: LMO-2; RBTN2; RBTNL1; RHOM2; TTG2
ACCN: NM_001142316
Insert Size: 810 bp
Insert Sequence: >SC209902 3'UTR clone of NM_001142316

The sequence shown below is from the reference sequence of NM_001142316. 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
GAGTGGACTAAGATCAATGGGATGATAAGGCCCGAGTCCCCGGGCATCTTTGGGGAGGTGTTCACTGA
AGACGCCGTCTCCATGGCATCTTCGTCTTCACTTTAGGCACCTTTGGGGTTTGGGGTGGGGTAAGGG
ATTTCTTAGGGGATGGTAGACCTTTATTGGGTATCAAGACATAGCATCCAAGTGGCATAATTCAGGGGC
TGACACTTCAAGGTGACAGAAGGACCAGCCCTTGAGGGAGAACTTATGGCCACAGCCCATCCATAGTAA
CTGACATGATTAGCAGAAGAAAGGAACATTTAGGGGCAAGCAGGCGCTGTGCTATCATGATGGAATTTT
ATATCTACAGATAGAGAGTTGTTGTGTACAGACTTGTGTGACTTTGACGCTTGCAGAACTAGAGATGTG
CAATTGATTTCTTTTCTCCTGGCTTTTTAACTCCCCTGTTTCAATCACTGTCCTCCACACAAGGGGAA
GACAGAAAGGAGAGTGGCCATTCTTTTTTCTGGCCCCCTTCCAAGGCCTTAAGCTTTGGACCCAAG
GAAAACGTCATGGAGACGATTTTCGGTTGAGAATGGAAACCACAACCTTTAACCACAAATATTTAAA
GCAATGCTGATGAATCACTGTTTTTAGACACCTTCATTTTGGGGGAGGAGTTCCACAGATTGTTTCTA
TACAAATATAAATCTTAAAAAGTTGTTCAACTATTTTATTATCCTAGATTATATCAAAGTATTTGTCGT
GTGTAGAAAAAACAAGCTCTGCAGGCTTAATAAAAAATGACAGACTGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_001142316.2
Summary:	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]
Locus ID:	4005
MW:	31.2