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Product datasheet for SC209903

LMO2 (NM_005574) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LMO2 (NM_005574) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LMO2
Synonyms:	LMO-2; RBTN2; RBTNL1; RHOM2; TTG2
ACCN:	NM_005574
Insert Size:	810 bp
Insert Sequence:	>SC209903 3'UTR clone of NM_005574 The sequence shown below is from the reference sequence of NM_005574. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGTGGACTAAGATCAATGGGATGATATAGGCCCGAGTCCCCGGGCATCTTTGGGGAGGTGTTCACTGA AGACGCCGTCTCCATGGCATCTTCGTCTTCACTCTTAGGCACTTTGGGGGTTTGAGGGTGGGGTAAGGG ATTTCTTAGGGGATGGTAGACCTTTATTGGGTATCAAGACATAGCATCCAAGTGGCATAATTCAGGGGC TGACACTTCAAGGTGACAGAAGGACCAGCCCTTGAGGGAGAACTTATGGCCACAGCCCATCCATAGTAA CTGACATGATTAGCAGAAGAAAGGAACATTTAGGGGCAAGCAGGCGCTGTGCTATCATGATGGAATTTC ATATCTACAGATAGAGAGTTGTTGTGTACAGACTTGTTGTGACTTTGACGCTTGCGAACTAGAGATGTG CAATTGATTTCTTTTCTTCCTGGCTTTTTAACTCCCCTGTTTCAATCACTGTCCTCCACACAAGGGAAG GACAGAAAGGAGAGTGGCCATTCTTTTTTTCTTGGCCCCCTTCCCAAGGCCTTAAGCTTTGGACCCAAG GAAAACTGCATGGAGACGCATTTCGGTTGAGAATGGAAACCACAACTTTTAACCAAACAATTATTTAAA GCAATGCTGATGAATCACTGTTTTTAGACACCTTCATTTTGAGGGGAGGAGTTCCACAGATTGTTTCTA TACAAATATAAATCTTAAAAAGTTGTTCAACTATTTTATTATCCTAGATTATATCAAAGTATTTGTCGT GTGTAGAAAAAAAAACAGCTCTGCAGGCTTAATAAAAATGACAGACTGAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_005574.4
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