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Product datasheet for MC225964

Lmo1 (NM_001302205) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lmo1 (NM_001302205) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lmo1
Synonyms:	Rbtn-1; Rbtn1; Ttg1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225964 representing NM_001302205 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGTTTTGGACCAAGAGGACGGTGTGCCGATGCTCTCCGTCCAACCTAAGGGGAAACAGAAGGGCTGCG CAGGCTGCAACCGCAAGATCAAGGACCGGTACCTGCTGAAGGCACTGGACAAGTACTGGCATGAGGACTG CCTCAAGTGTGCCTGCTGTGACTGTCGCCTGGGCGAGGTGGGCTCCACTCTCTACACCAAGGCCAACCTC ATCCTGTGCCGGCGTGACTACCTGAGGCTTTTTGGCACCACAGGAAACTGTGCTGCCTGCAGCAAGCTGA TCCCAGCTTTTGAGATGGTGATGCGGGCCCGAGACAATGTGTATCACCTTGACTGCTTCGCCTGCCAGCT CTGCAATCAGAGATTTTGCGTGGGAGACAAATTCTTCCTGAAGAACAACATGATCTTGTGCCAGGTGGAC TATGAGGAGGGGCATCTCAATGGCACCTTTGAATCCCAGGTTCAGTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001302205
Insert Size:	468 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001302205.1, NP_001289134.1
RefSeq Size:	1022 bp
RefSeq ORF:	468 bp
Locus ID:	109594
UniProt ID:	Q924W9
Cytogenetics:	7 57.21 cM
Gene Summary:	May be involved in gene regulation within neural lineage cells potentially by direct DNA binding or by binding to other transcription factors.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an upstream alternate 5'-terminal exon which reflects use of an alternate promoter supported by epigenetic data, compared to variant 1. The encoded isoform (2) is shorter and has a distinct N-terminus compared to isoform 1.

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